



New Jersey Department of Environmental Protection  
Land Use Management  
Water Monitoring and Standards  
Post Office Box 409, Trenton  
Water Monitoring Project

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MAURICE RIVER & MAURICE RIVER COVE:  
WATER QUALITY DEGRADATION SOURCE TRACKDOWN  
PROJECT

Volume 2 of 2  
(Supporting Data and Maps)

July 2006

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## ***Introduction***

This volume (Volume 2 of 2) contains the supporting data and maps for the report, Maurice River & Maurice River Cove: Water Quality Degradation Source Trackdown Project and the supporting data include all of the figures and tables for Volume 1 of 2 of this report.

Figures 1 to 60 and Tables 1 to 36 include the data collected on the 13 sampling dates in the Maurice River and Maurice River Cove.

Figures 61 to 63 were presented at the Delaware Bay Shellfish Council Meeting on April 5, 2005 and include figures showing the downgrade of 224 acres of *Seasonally Approved (November to April)* shellfish waters to the *Special Restricted* shellfish classification in the Maurice River Cove.

Figures 64 to 90 and Tables 37 to 46 were presented at the Delaware Bay Shellfish Council Meeting on November 1, 2005 and include figures and tables of all of the data compiled for the 13 sampling dates in the Maurice River and the Maurice River Cove, and Figures 82 to 90 are maps of NOAA nautical charts, aerial photographs, and orthographic photographs showing the changes to the shoreline of the Maurice River from 1846 to 2004.

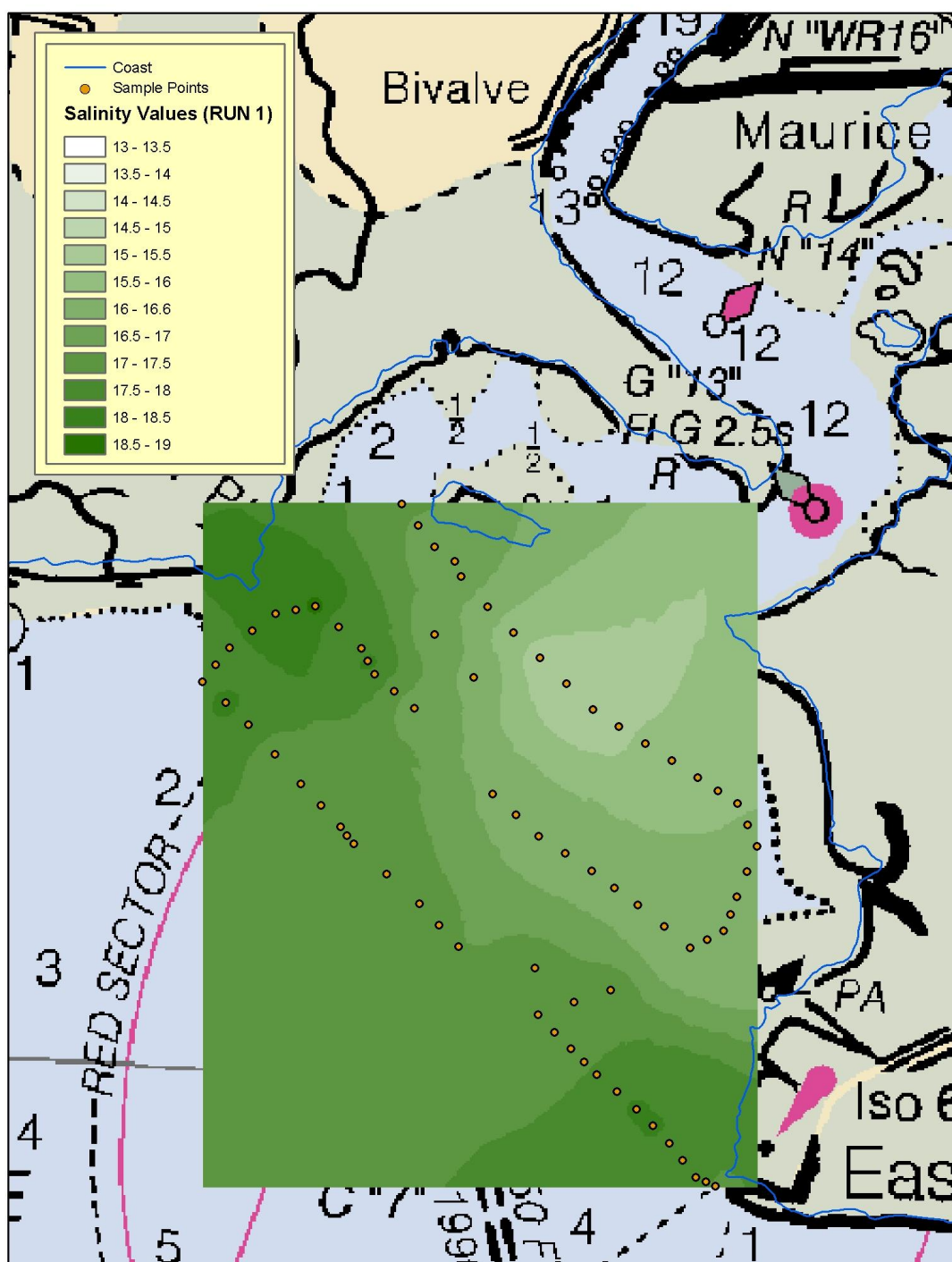
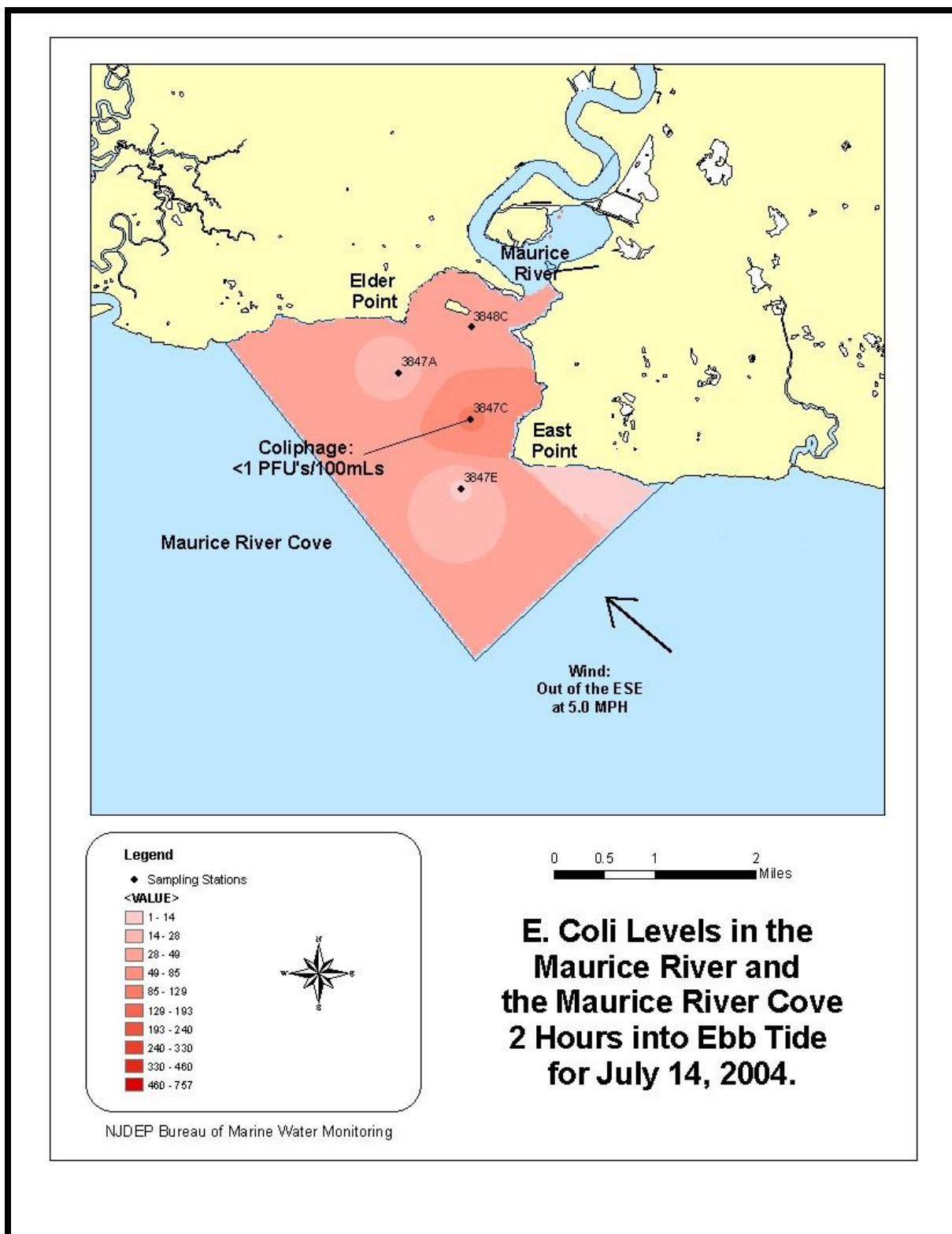


Figure 1: Salinity Levels in the Maurice River and the Maurice River Cove 3 Hours and 48 Minutes into Ebb Tide (Run 1) for June 1, 2004.





**Figure 3: E. coli Levels in the Maurice River and the Maurice River Cove 2 Hours into Ebb Tide for July 14, 2004.**

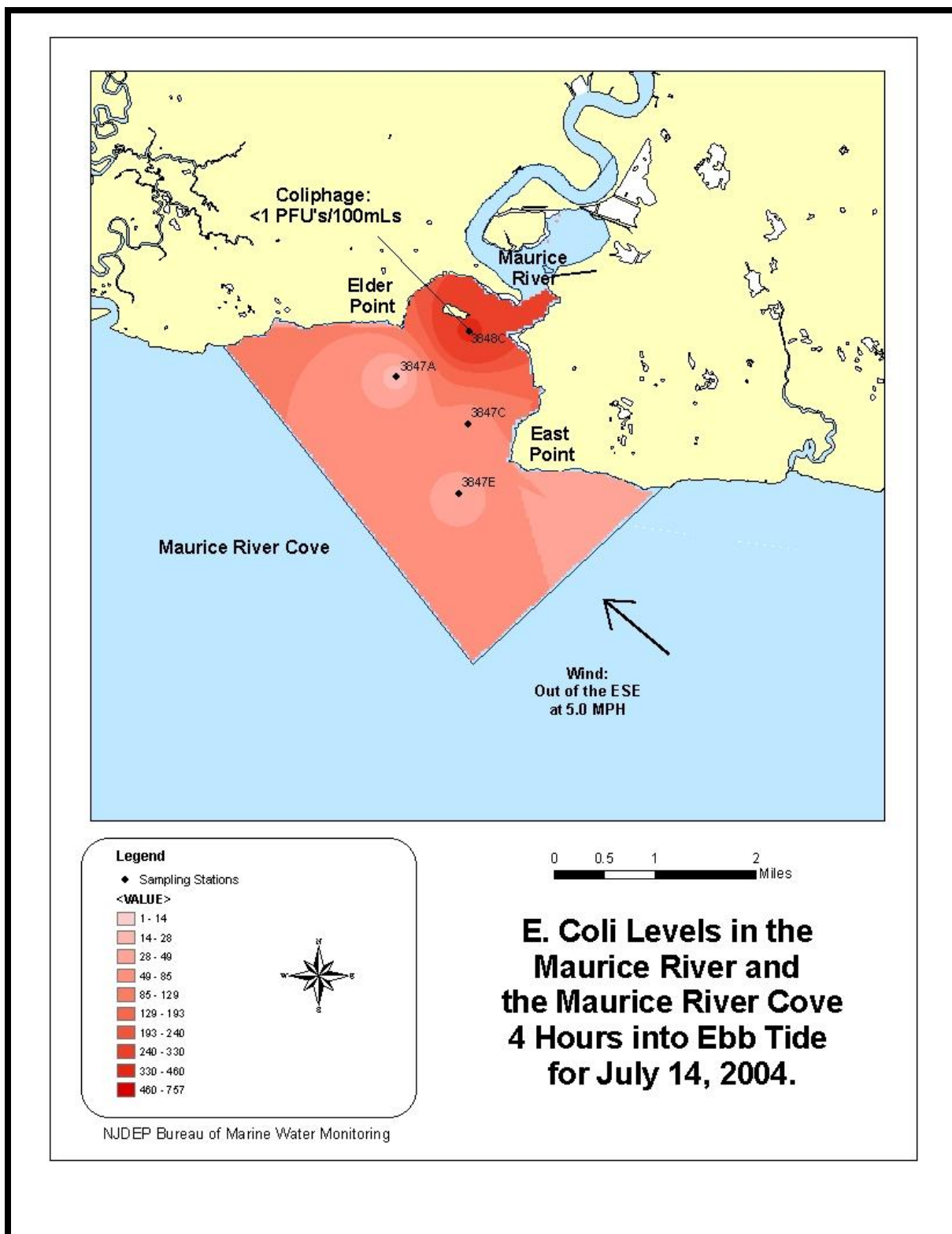


Figure 4: E. coli Levels in the Maurice River and the Maurice River Cove 4 Hours into Ebb Tide for July 14, 2004.



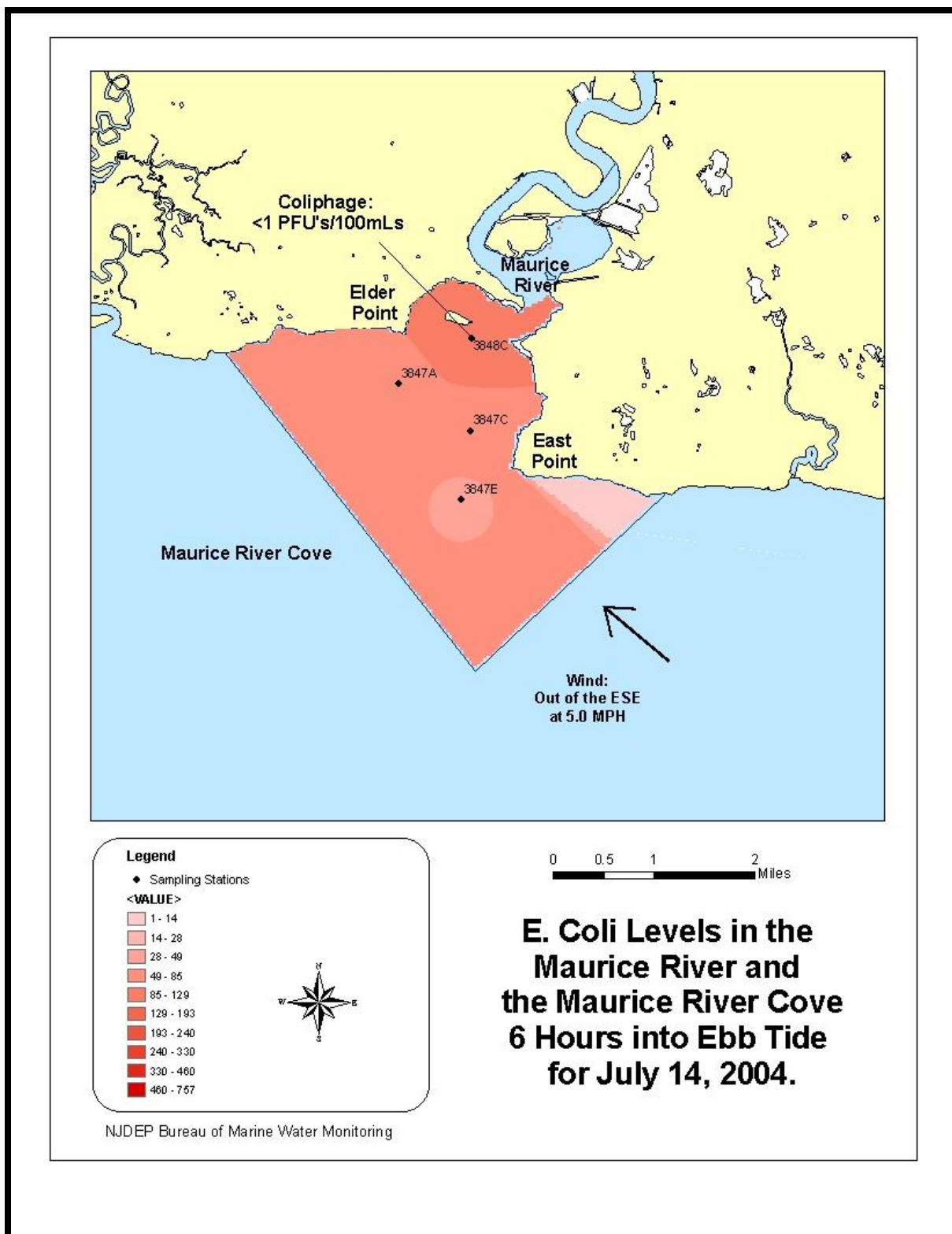


Figure 5: E. coli Levels in the Maurice River and the Maurice River Cove 6 Hours into Ebb Tide for July 14, 2004.



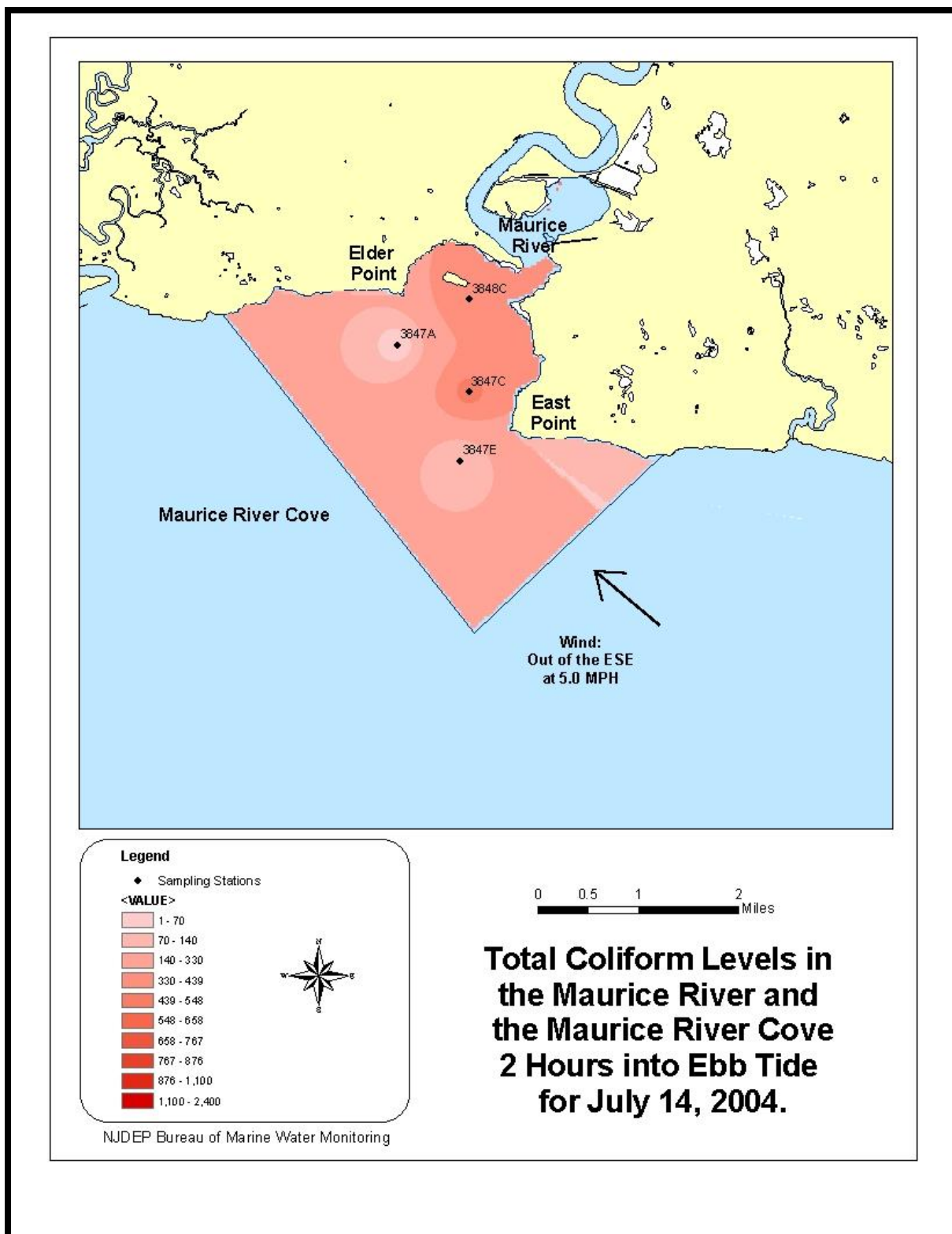
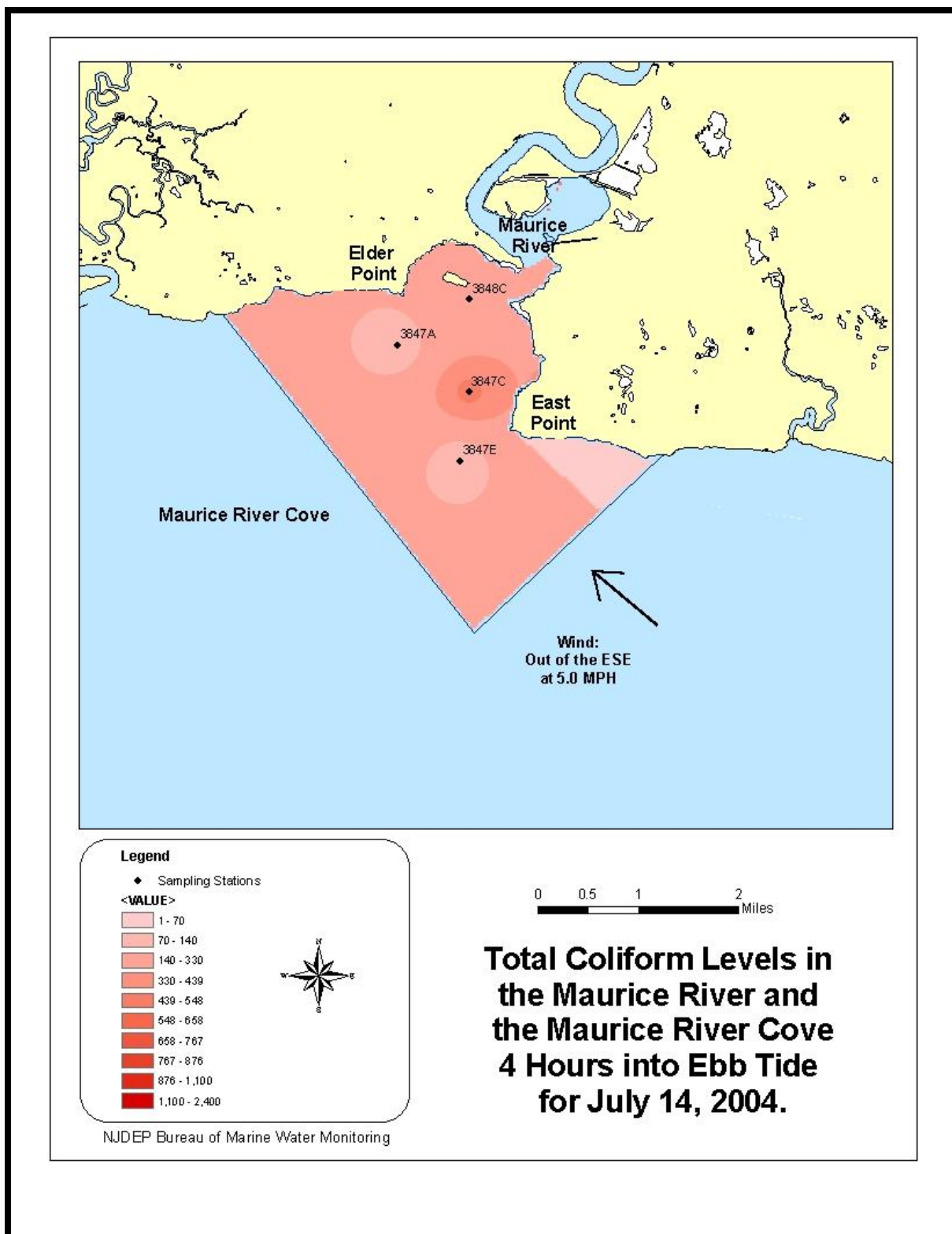


Figure 6: Total Coliform Levels in the Maurice River and the Maurice River Cove 2 Hours into Ebb Tide for July 14, 2004.



**Figure 7: Total Coliform Levels in the Maurice River and the Maurice River Cove 4 Hours into Ebb Tide for July 14, 2004.**

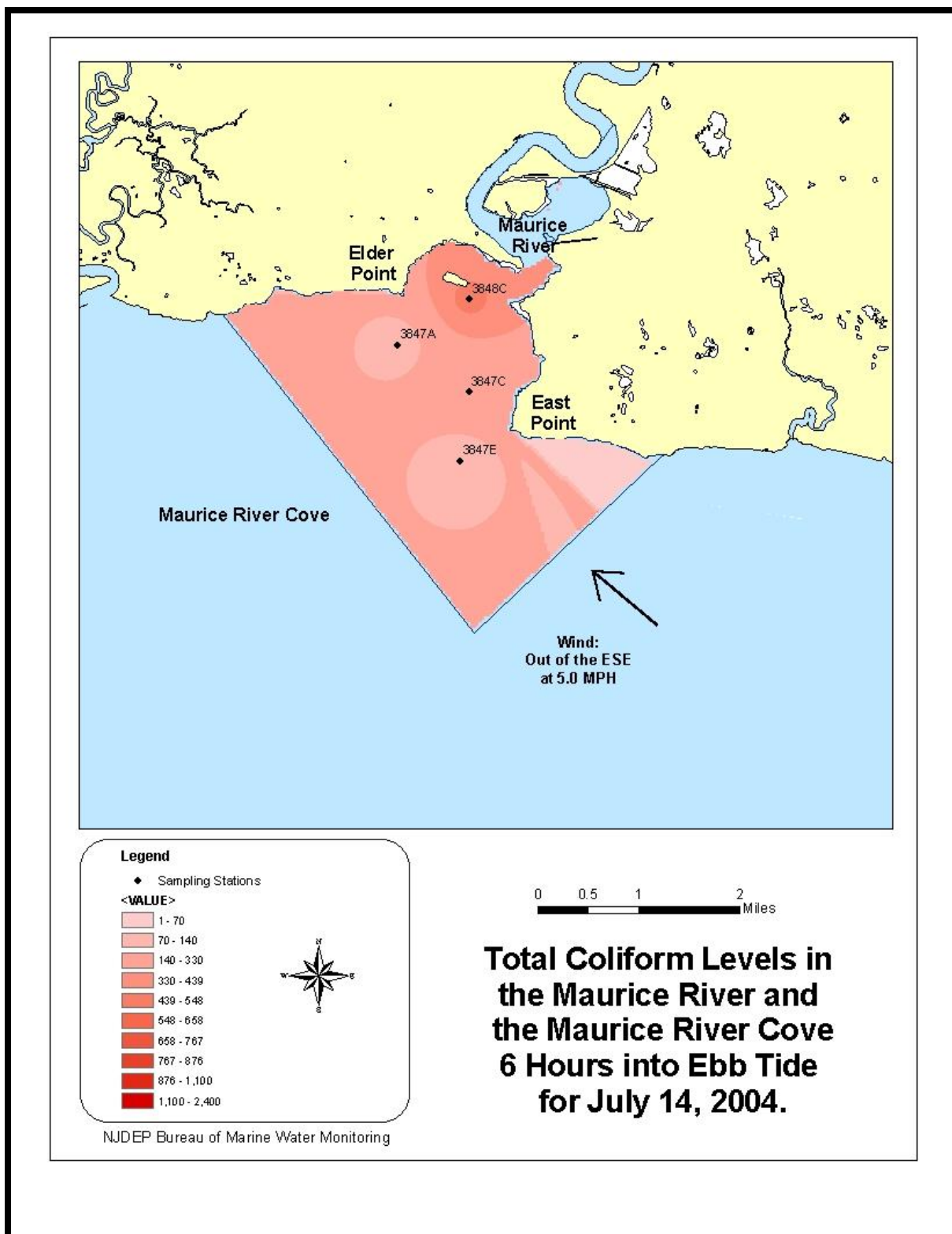


Figure 8: Total Coliform Levels in the Maurice River and the Maurice River Cove 6 Hours into Ebb Tide for July 14, 2004.

## Maurice River Data - July 14, 2004

**Table 1: 2 Hours into Ebb Tide on July 14, 2004**

Run	Sampling Station	Total Coliform Level	<u>E. coli</u> Levels	Coliphage
1-1	3848C	430	33	
1-2	3847A	43	21	
1-3	3847C	460	90	<1
1-4	3847E	75	12	

**Table 2: 4 Hours into Ebb Tide on July 14, 2004**

Run	Sampling Station	Total Coliform Level	<u>E. coli</u> Levels	Coliphage
2-1	3848C	210	342	<1
2-2	3847A	93	21	
2-3	3847C	460	73	
2-4	3847E	93	39	

**Table 3: 6 Hours into Ebb Tide on July 14, 2004**

Run	Sampling Station	Total Coliform Level	<u>E. coli</u> Levels	Coliphage
2-1	3848C	460	123	1
2-2	3847A	93	70	
2-3	3847C	240	67	
2-4	3847E	93	42	

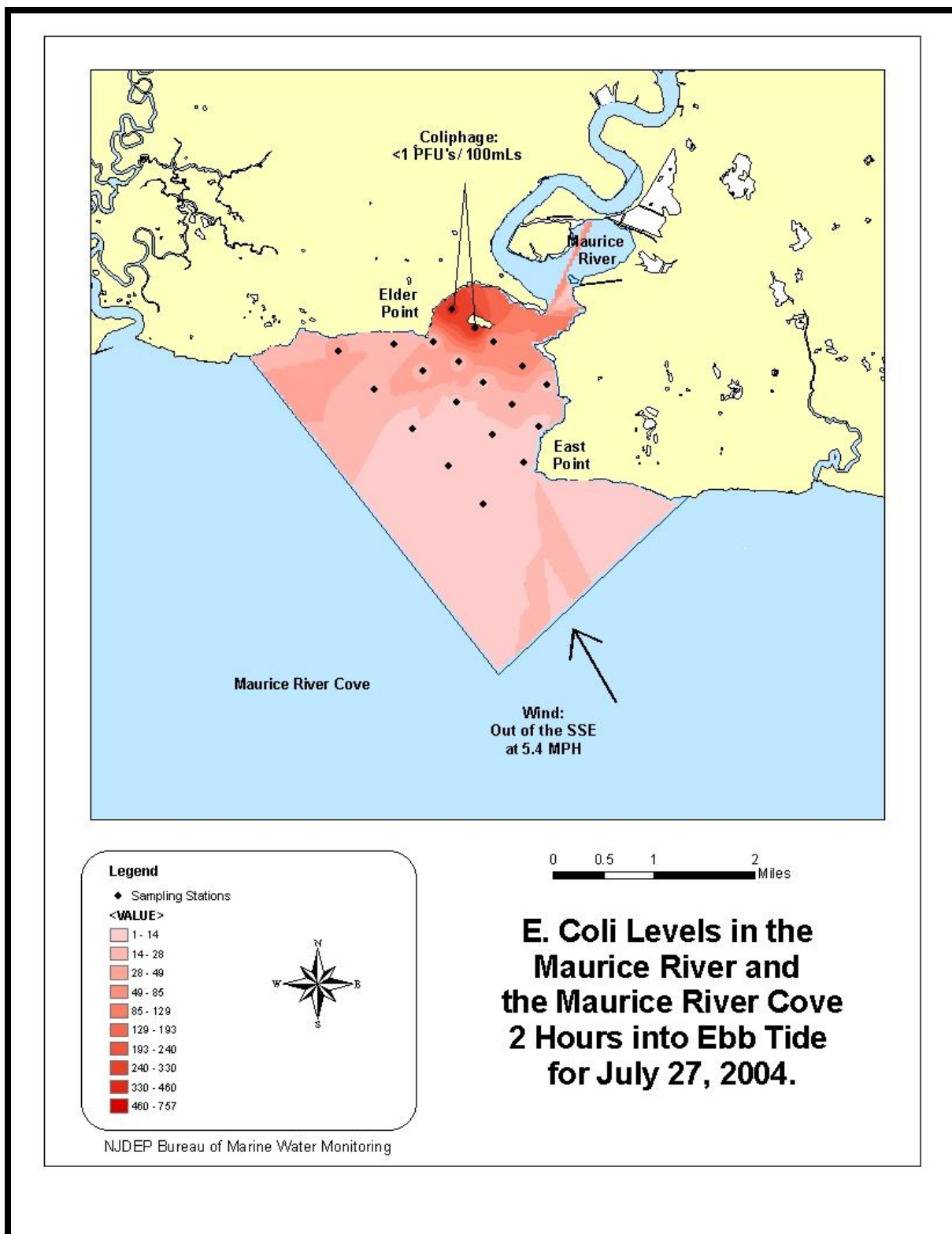


Figure 9: E. coli Levels in the Maurice River and the Maurice River Cove 2 Hours into Ebb Tide for July 27, 2004.

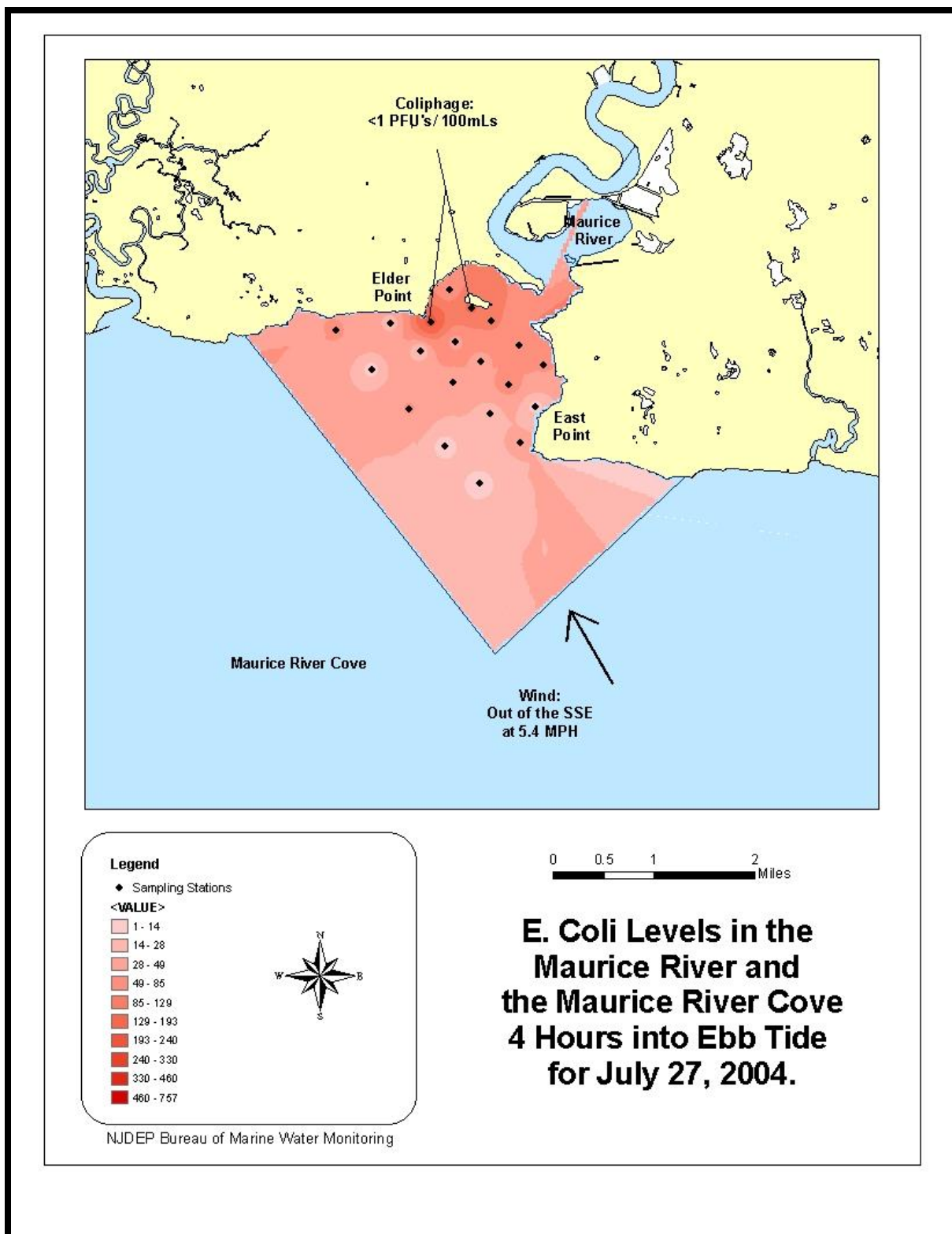


Figure 10: E. coli Levels in the Maurice River and the Maurice River Cove 4 Hours into Ebb Tide for July 27, 2004.



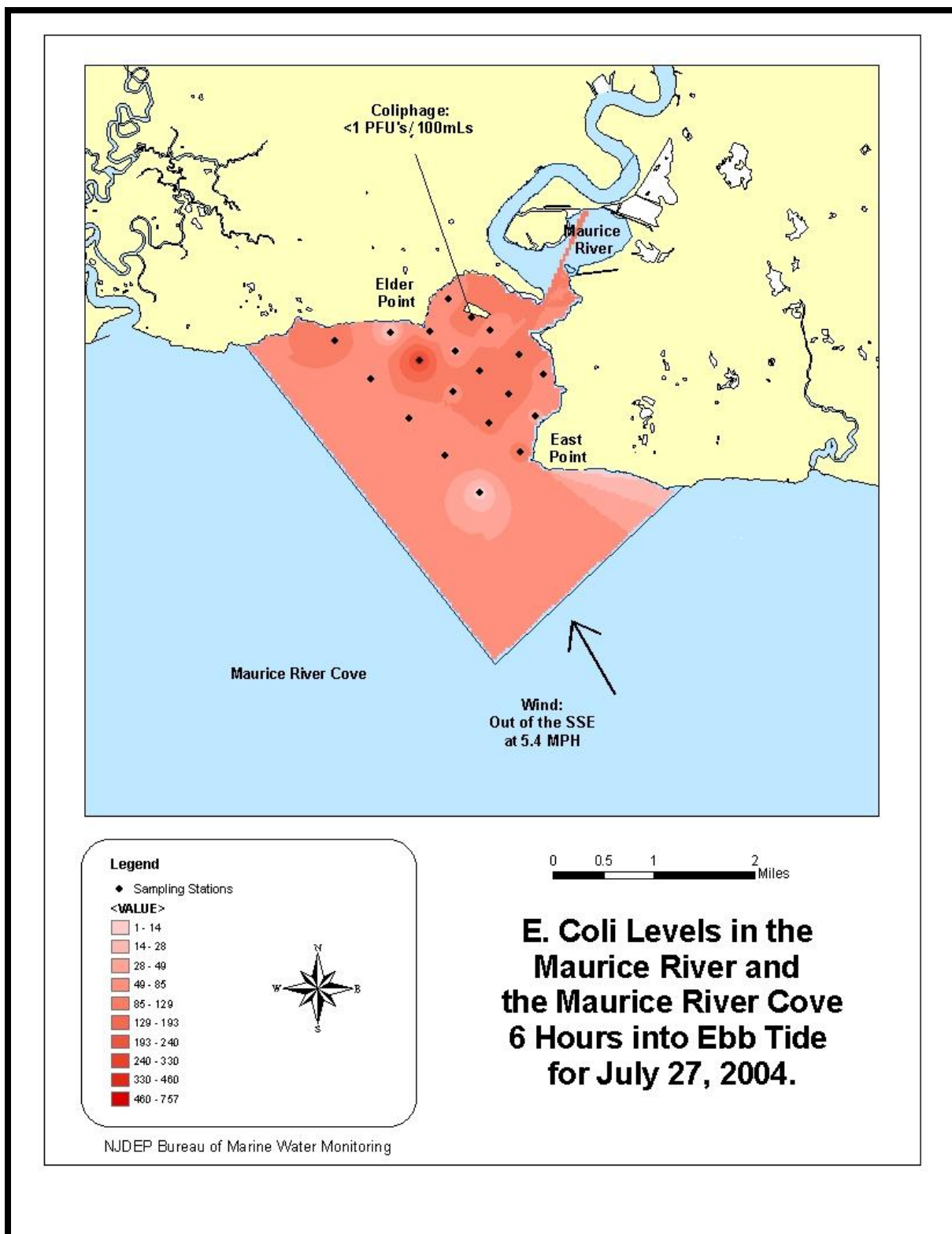
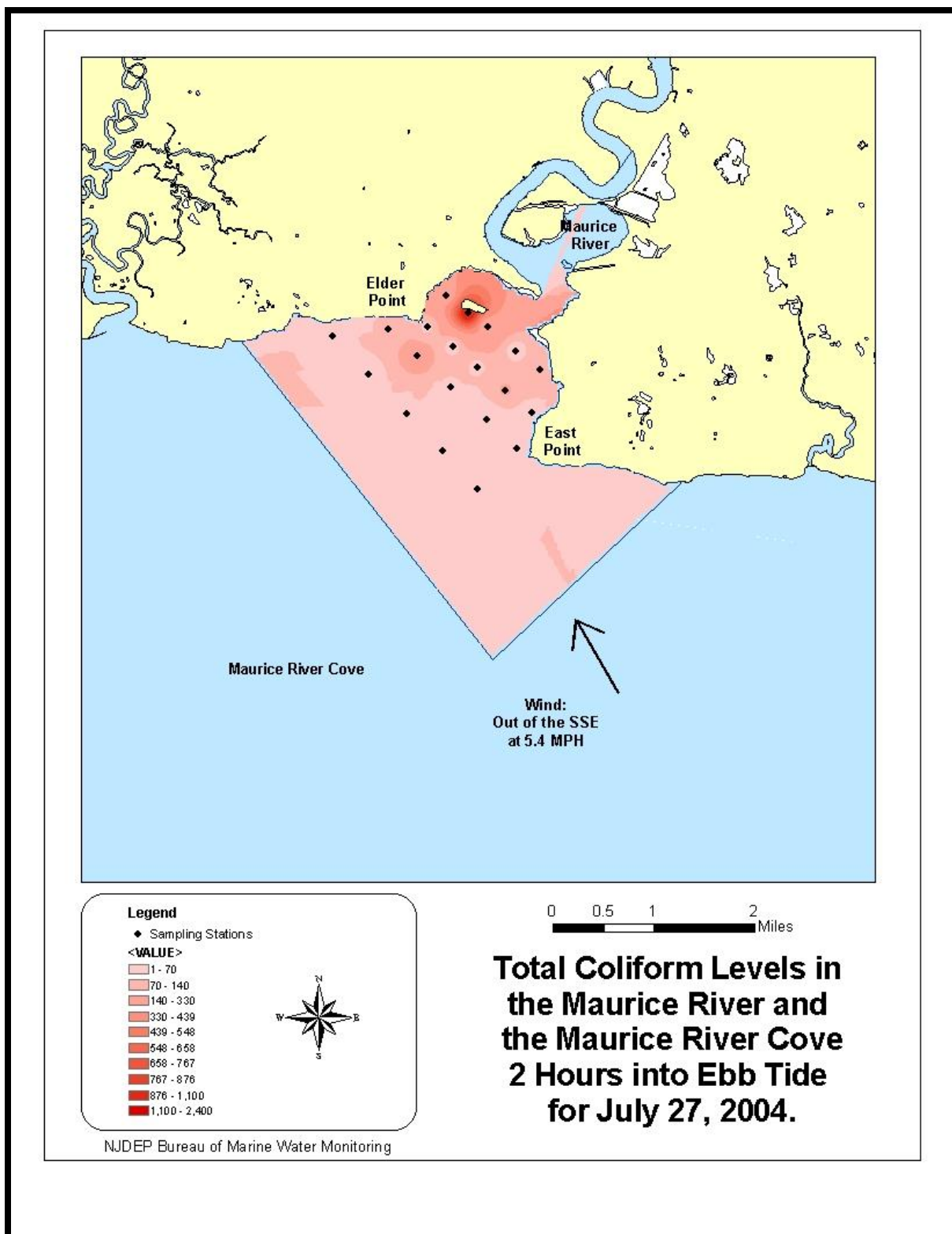
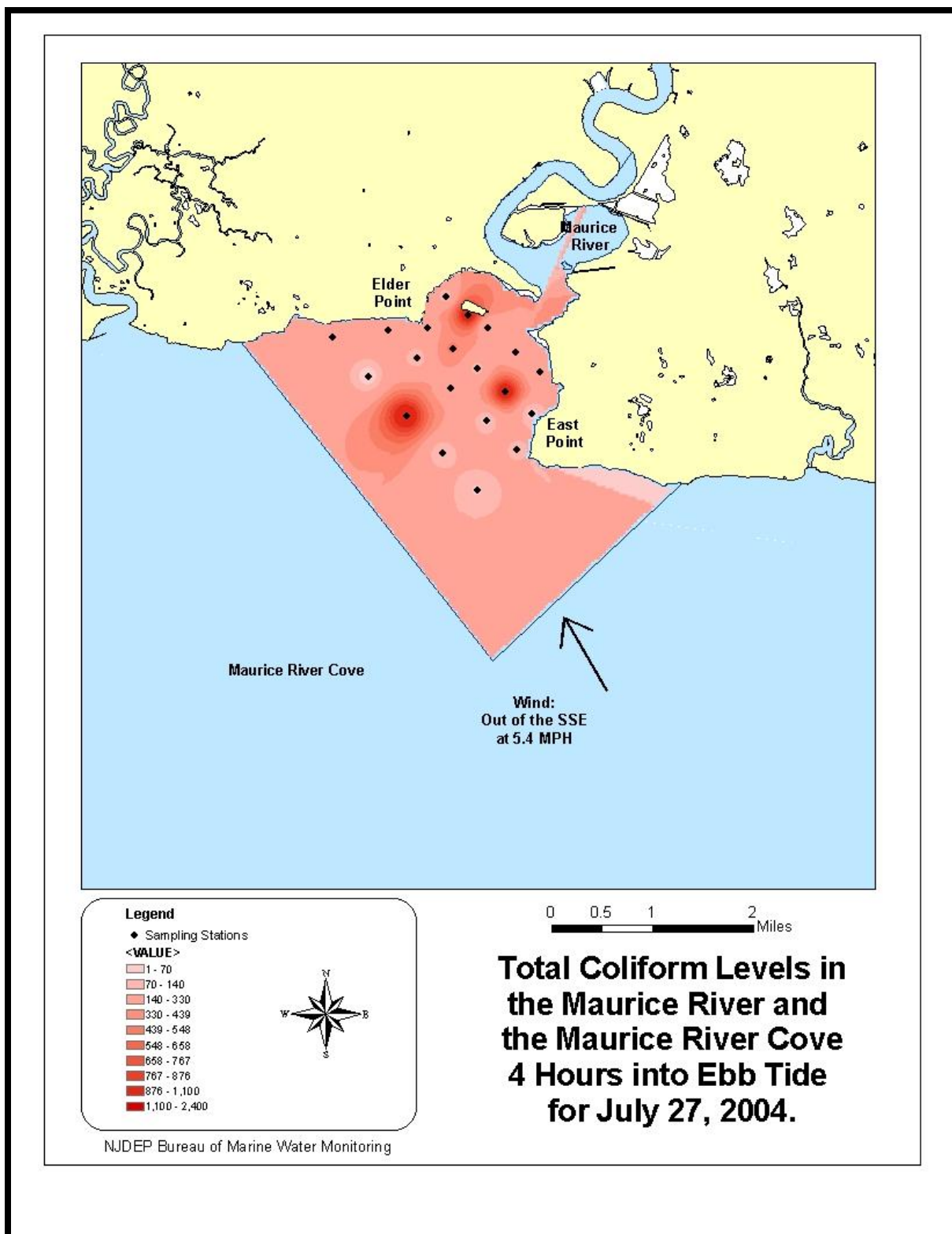


Figure 11: E. coli Levels in the Maurice River and the Maurice River Cove 6 Hours into Ebb Tide for July 27, 2004.



**Figure 12: Total Coliform Levels in the Maurice River and the Maurice River Cove 2 Hours into Ebb Tide for July 27, 2004.**





**Figure 13: Total Coliform Levels in the Maurice River and the Maurice River Cove 4 Hours into Ebb Tide for July 27, 2004.**

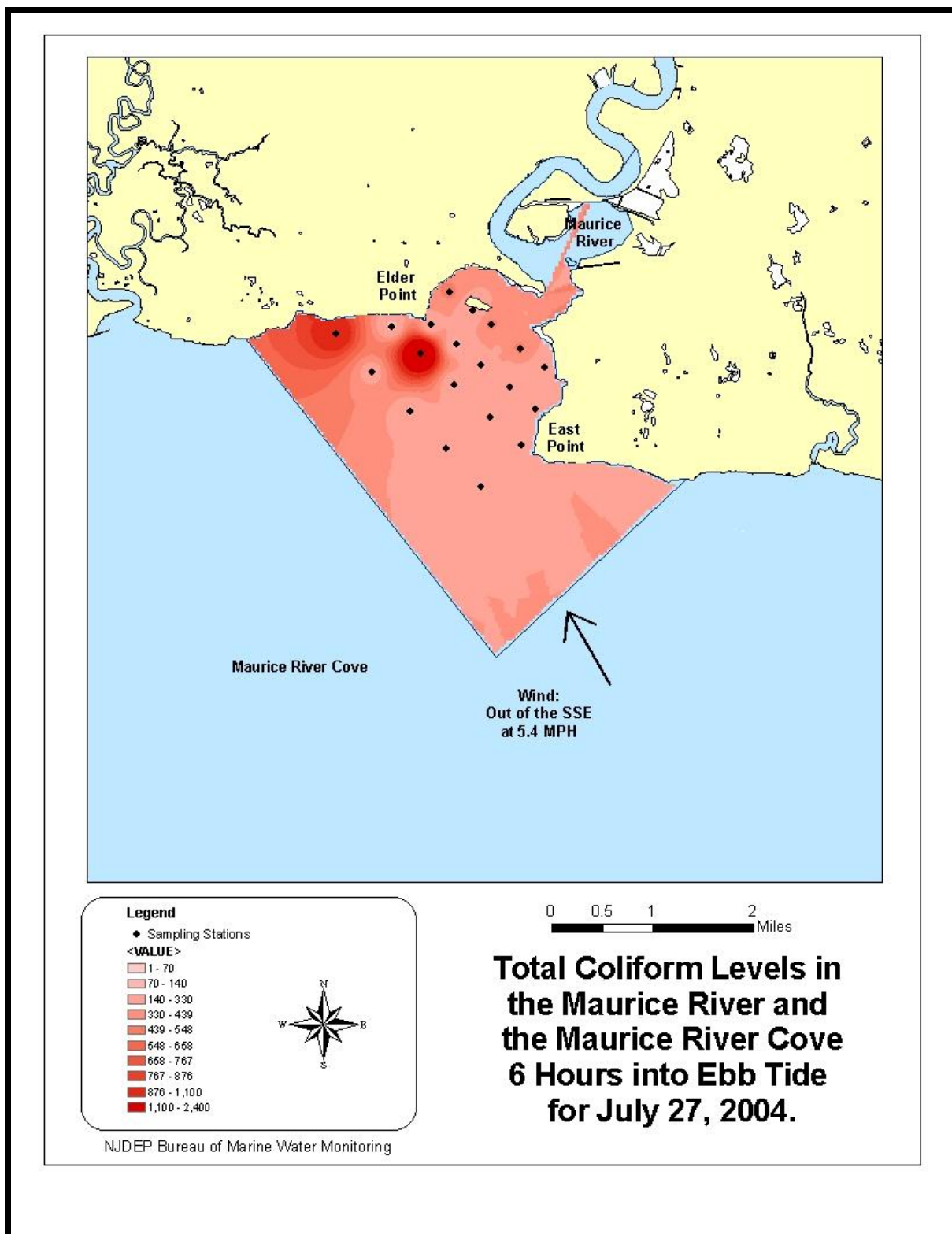


Figure 14: Total Coliform Levels in the Maurice River and the Maurice River Cove 6 Hours into Ebb Tide for July 27, 2004.

## Maurice River Data - July 27, 2004

**Table 4: 2 Hours into Ebb Tide on July 27, 2004**

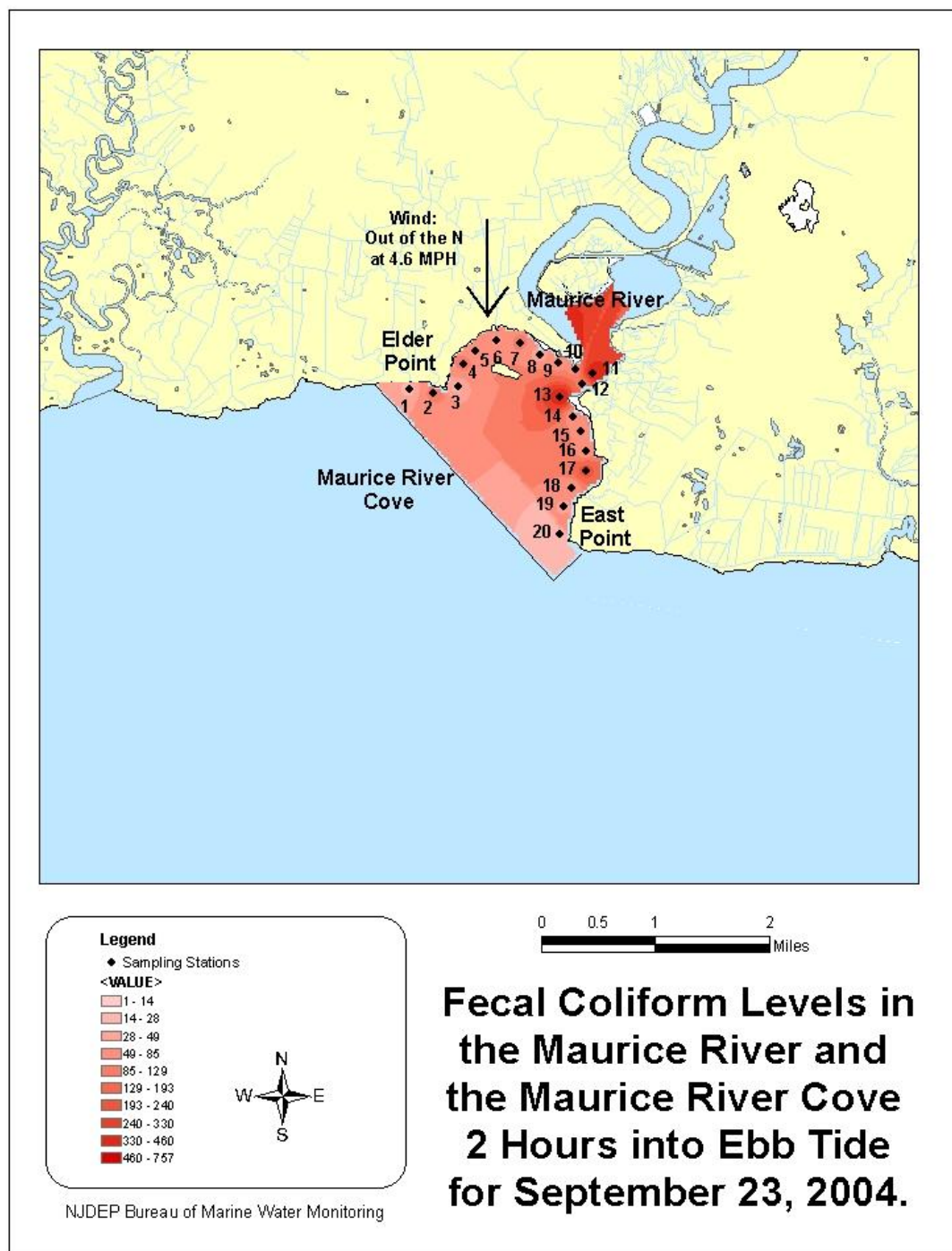
Sampling Station	Location	Total Coliform Level	<i>E. coli</i> Levels	Coliphage
1-1	Station 1, start of first transect, farthest N of East Point traveling NW to Fowler Island	120	10	
1-2	Station 2, first transect, farthest N of East Point traveling NW	23	60	
1-3	Station 3, first transect, farthest N of East Point traveling NW, SE of Fowler Island	240	40	
1-4	Station 4, first transect, farthest N of East Point traveling NW, S of Fowler Island	1,100	360	<1
1-5	Station 5, end of first transect, farthest N of East Point, NW of Fowler Island	240	360	<1
1-6	Station 6, start of second transect, SE of Elder Point traveling SE to East Point	43	10	
1-7	Station 7, second transect, SW of Fowler Island traveling SE to East Point	23	10k	
1-8	Station 8, second transect, S of Fowler Island traveling SE to East Point	43	10	
1-9	Station 9, second transect, traveling SE towards East Point	150	20	
1-10	Station 10, end of second transect, N of East Point	43	10	
1-11	Station 11, start of third transect, W of East Point traveling NW to SW Elder Point	9.1	10	
1-12	Station 12, third transect, SE of Fowler Island traveling NW to SW Elder Point	9.1	10k	
1-13	Station 13, third transect, S of Fowler Island traveling NW to SW Elder Point	43	10	
1-14	Station 14, third transect, S of Elder Point traveling NW to SW Elder Point	210	20	
1-15	Station 15, end of third transect, SW of Elder Point	75	20	
1-16	Station 16, start of fourth transect, W of Elder Point traveling SE to SW East Point	23	30	
1-17	Station 17, fourth transect, SW of Elder Point traveling SE to SW East Point	9.1	20	
1-18	Station 18, fourth transect, S of Elder Point traveling SE to SW East Point	39	10k	
1-19	Station 19, fourth transect, S of Fowler Island traveling SE to SW East Point	3.6	10	
1-20	Station 20, end of fourth transect, SW of East Point	3k	10k	

**Table 5: 4 Hours into Ebb Tide on July 27, 2004**

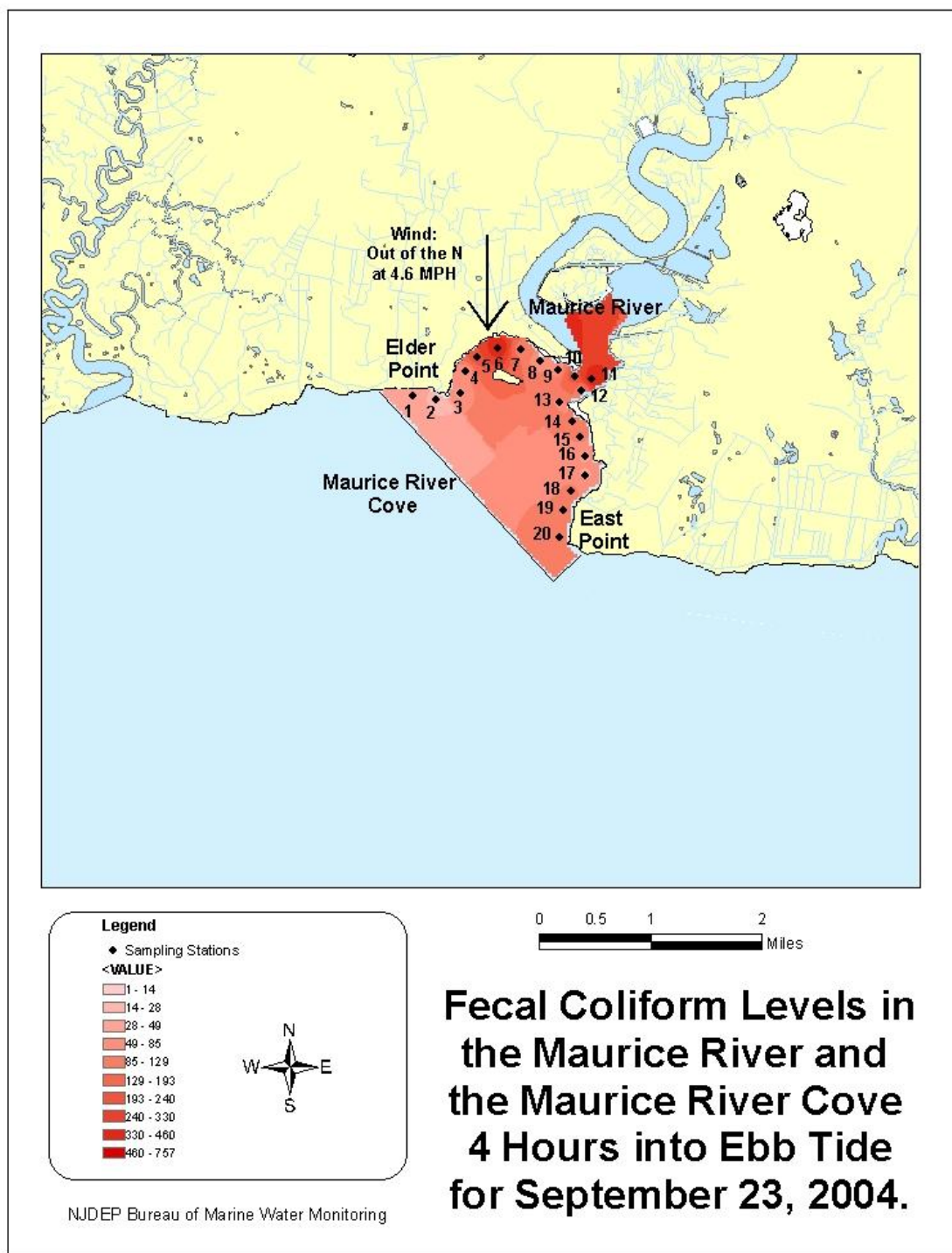
Sampling Station	Location	Total Coliform Level	<u>E. coli</u> Levels	Coliphage
2-1	Station 1, start of first transect, farthest N of East Point traveling NW to Fowler Island	150	50	
2-2	Station 2, first transect, farthest N of East Point traveling NW	150	50	
2-3	Station 3, first transect, farthest N of East Point traveling NW, SE of Fowler Island	120	90	
2-4	Station 4, first transect, farthest N of East Point traveling NW, S of Fowler Island	1,100	140	<1
2-5	Station 5, end of first transect, farthest N of East Point, NW of Fowler Island	93	60	
2-6	Station 6, start of second transect, SE of Elder Point traveling SE to East Point	240	220	<1
2-7	Station 7, second transect, SW of Fowler Island traveling SE to East Point	460	40	
2-8	Station 8, second transect, S of Fowler Island traveling SE to East Point	93	40	
2-9	Station 9, second transect, traveling SE towards East Point	1,100	60	
2-10	Station 10, end of second transect, N of East Point	39	10k	
2-11	Station 11, start of third transect, W of East Point traveling NW to SW Elder Point	120	30	
2-12	Station 12, third transect, SE of Fowler Island traveling NW to SW Elder Point	43	20	
2-13	Station 13, third transect, S of Fowler Island traveling NW to SW Elder Point	240	40	
2-14	Station 14, third transect, S of Elder Point traveling NW to SW Elder Point	75	10k	
2-15	Station 15, end of third transect, SW of Elder Point	150	20	
2-16	Station 16, start of fourth transect, W of Elder Point traveling SE to SW East Point	240	50	
2-17	Station 17, fourth transect, SW of Elder Point traveling SE to SW East Point	23	10k	
2-18	Station 18, fourth transect, S of Elder Point traveling SE to SW East Point	1,100	50	
2-19	Station 19, fourth transect, S of Fowler Island traveling SE to SW East Point	75	10	
2-20	Station 20, end of fourth transect, SW of East Point	64	10	

**Table 6: 6 Hours into Ebb Tide on July 27, 2004**

Sampling Station	Location	Total Coliform Level	<u>E. coli</u> Levels	Coliphage
3-1	Station 1, start of first transect, farthest N of East Point traveling NW to Fowler Island	240	80	
3-2	Station 2, first transect, farthest N of East Point traveling NW	460	100	
3-3	Station 3, first transect, farthest N of East Point traveling NW, SE of Fowler Island	460	60	
3-4	Station 4, first transect, farthest N of East Point traveling NW, S of Fowler Island	120	130	<1
3-5	Station 5, end of first transect, farthest N of East Point, NW of Fowler Island	460	60	
3-6	Station 6, start of second transect, SE of Elder Point traveling SE to East Point	150	60	
3-7	Station 7, second transect, SW of Fowler Island traveling SE to East Point	93	40	
3-8	Station 8, second transect, S of Fowler Island traveling SE to East Point	240	110	
3-9	Station 9, second transect, traveling SE towards East Point	240	120	
3-10	Station 10, end of second transect, N of East Point	210	40	
3-11	Station 11, start of third transect, W of East Point traveling NW to SW Elder Point	240	90	
3-12	Station 12, third transect, SE of Fowler Island traveling NW to SW Elder Point	240	90	
3-13	Station 13, third transect, S of Fowler Island traveling NW to SW Elder Point	150	80	
3-14	Station 14, third transect, S of Elder Point traveling NW to SW Elder Point	2,400L	260	
3-15	Station 15, end of third transect, SW of Elder Point	93	10	
3-16	Station 16, start of fourth transect, W of Elder Point traveling SE to SW East Point	1,100	100	
3-17	Station 17, fourth transect, SW of Elder Point traveling SE to SW East Point	240	50	
3-18	Station 18, fourth transect, S of Elder Point traveling SE to SW East Point	150	50	
3-19	Station 19, fourth transect, S of Fowler Island traveling SE to SW East Point	240	50	
3-20	Station 20, end of fourth transect, SW of East Point	240	10	

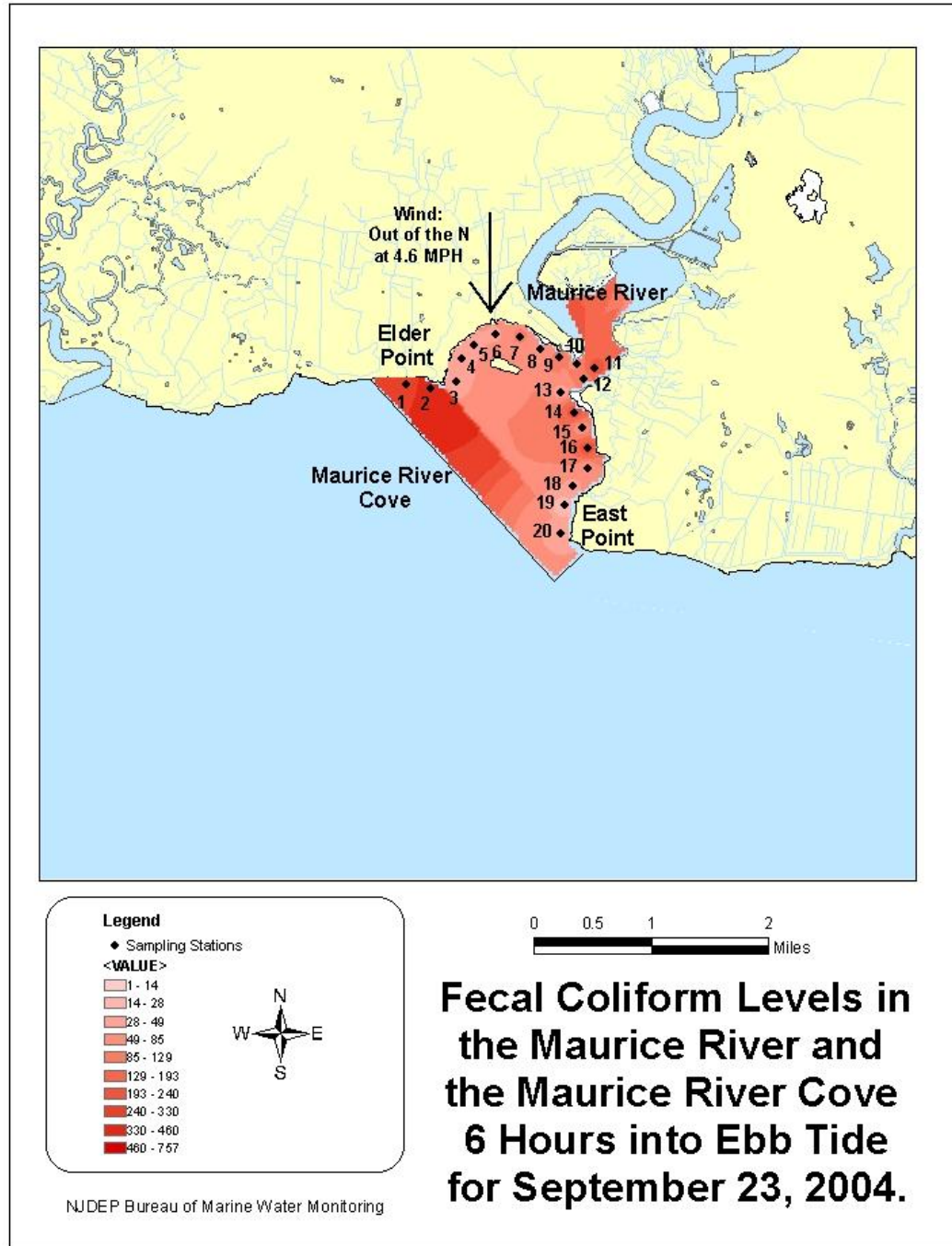


**Figure 15: Fecal Coliform Levels in the Maurice River and the Maurice River Cove 2 Hours into Ebb Tide for September 23, 2004.**



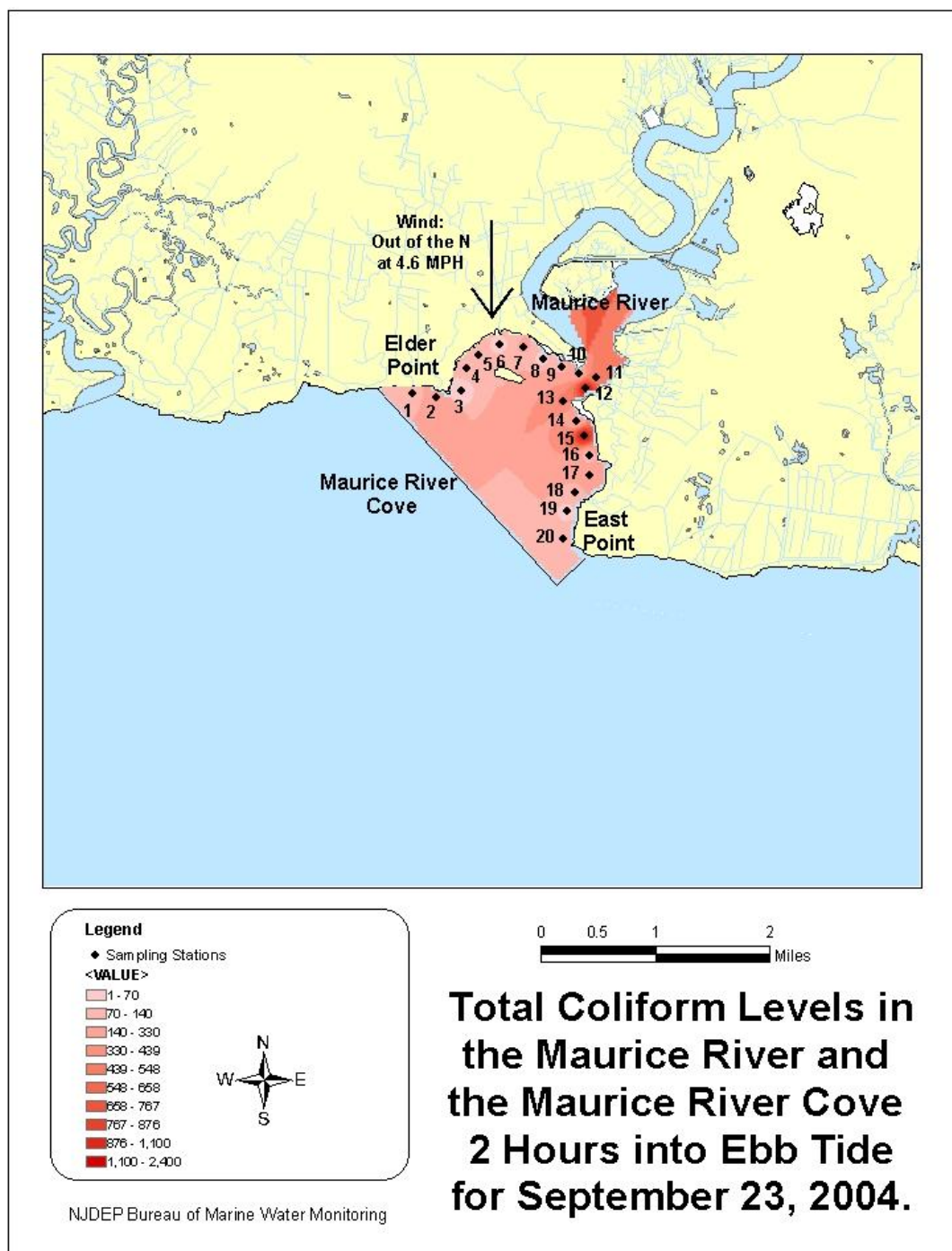
**Figure 16: Fecal Coliform Levels in the Maurice River and the Maurice River Cove 4 Hours into Ebb Tide for September 23, 2004.**



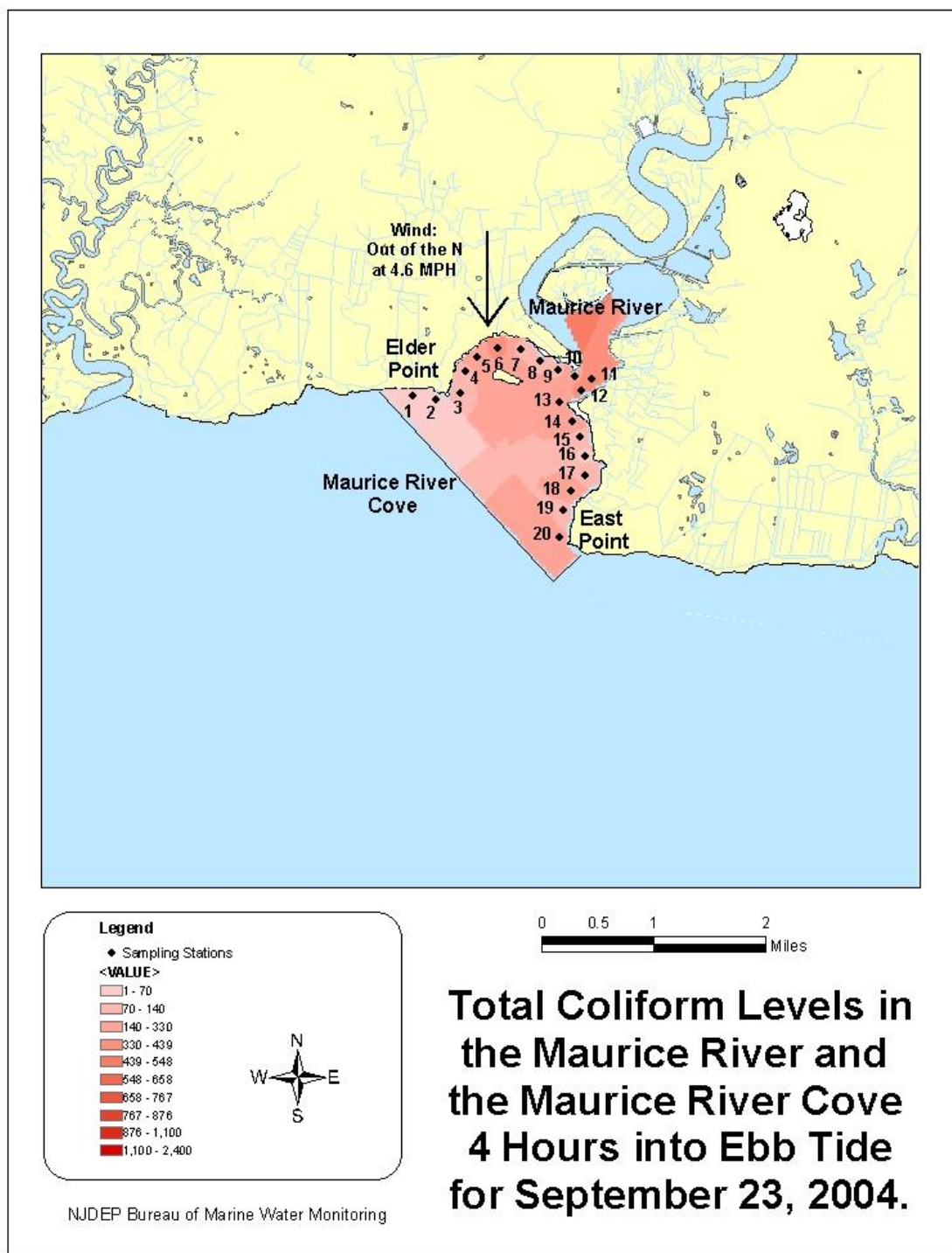


**Figure 17: Fecal Coliform Levels in the Maurice River and the Maurice River Cove 6 Hours into Ebb Tide for September 23, 2004.**

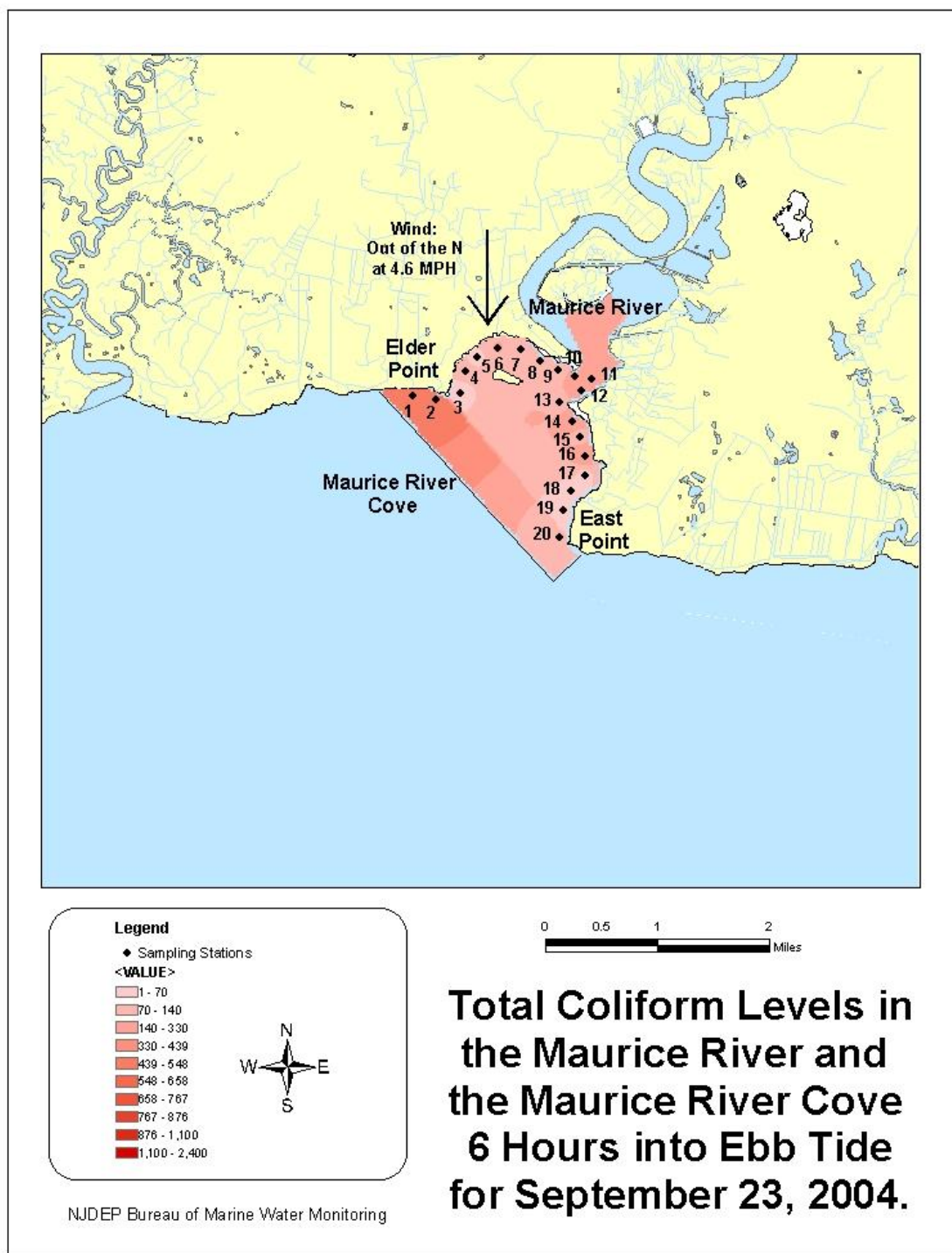




**Figure 18: Total Coliform Levels in the Maurice River and the Maurice River Cove 2 Hours into Ebb Tide for September 23, 2004.**



**Figure 19: Total Coliform Levels in the Maurice River and the Maurice River Cove 4 Hours into Ebb Tide for September 23, 2004.**



**Figure 20: Total Coliform Levels in the Maurice River and the Maurice River Cove 6 Hours into Ebb Tide for September 23, 2004.**

## Maurice River Data - September 23, 2004

**Table 7: 2 Hours into Ebb Tide on September 23, 2004**

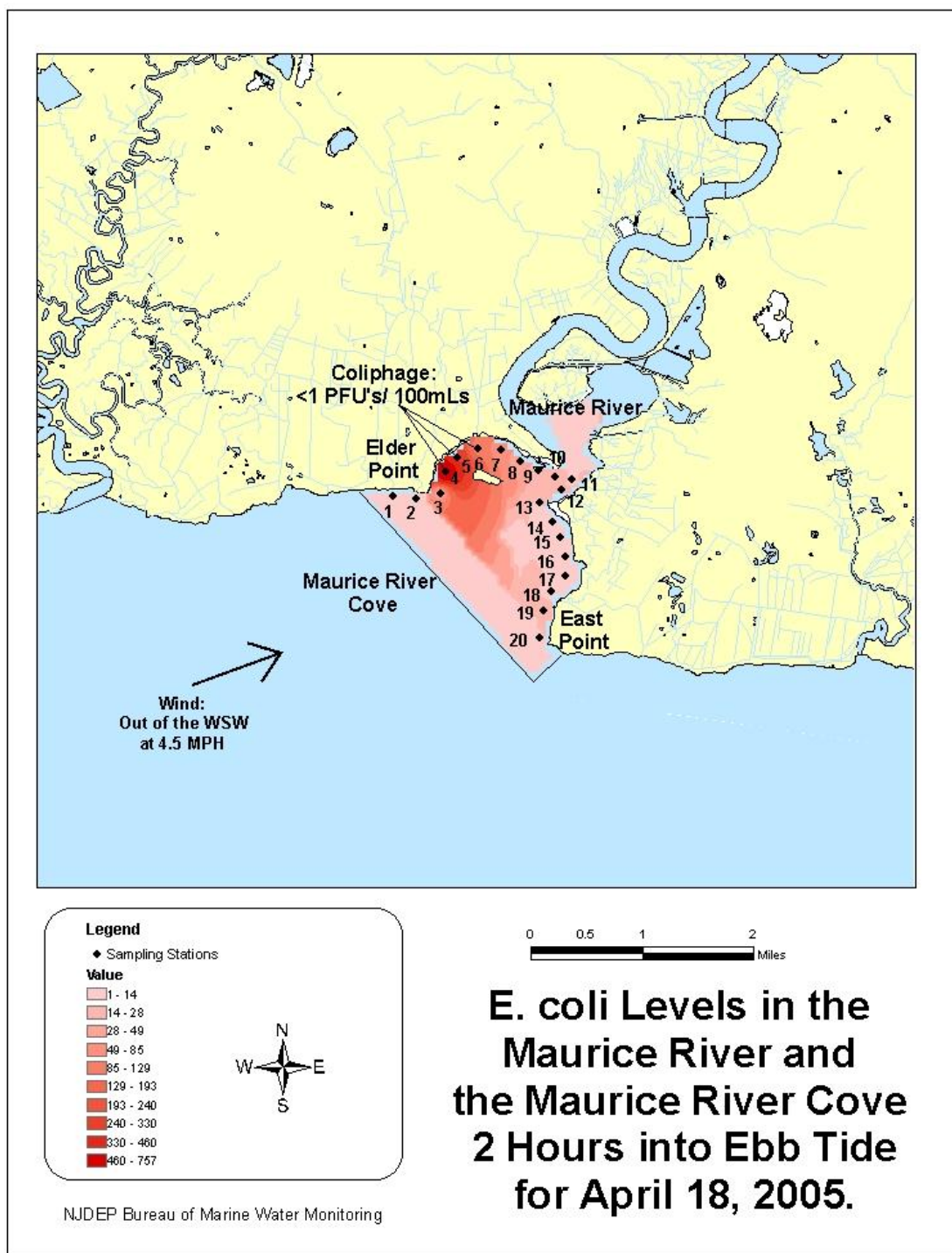
Sampling Station	Location	Total Coliform Levels	Fecal Coliform Levels
1-1	S. of Elder Point	75	23
1-2	S. of Elder Point	240	93
1-3	E. of Elder Point	23	23
1-4	NE of Elder Point	93	93
1-5	W of Fowler Island	75	75
1-6	NW of Fowler Island	43	43
1-7	N of Fowler Island, S of Basket Flat	150	93
1-8	S of Basket Flat	23	23
1-9	SE of Basket Flat	93	43
1-10	SE of Basket Flat	93	43
1-11	SE of Basket Flat, E side of M.R.	460	460
1-12	SE of Basket Flat	1,100	75
1-13	S of Basket Flat, E of Fowler Island	460	460
1-14	SE of Station 13	93	43
1-15	SE of Station 14	1,100	75
1-16	W of Andrews Ditch	43	43
1-17	NW of East Point	240	240
1-18	NW of East Point	93	43
1-19	W. of East Point	43	43
1-20	W. of East Point	93	23

**Table 8: 4 Hours into Ebb Tide on September 23, 2004**

Sampling Station	Location	Total Coliform Levels	Fecal Coliform Levels
2-1	S. of Elder Point	43	43
2-2	S. of Elder Point	23	23
2-3	E. of Elder Point	93	43
2-4	NE of Elder Point	93	43
2-5	W of Fowler Island	240	240
2-6	NW of Fowler Island	460	460
2-7	N of Fowler Island, S of Basket Flat	93	93
2-8	S of Basket Flat	93	43
2-9	SE of Basket Flat	75	43
2-10	SE of Basket Flat	240	240
2-11	SE of Basket Flat, E side of M.R.	460	460
2-12	SE of Basket Flat	460	75
2-13	S of Basket Flat, E of Fowler Island	150	75
2-14	SE of Station 13	240	93
2-15	SE of Station 14	93	93
2-16	W of Andrews Ditch	43	43
2-17	NW of East Point	93	43
2-18	NW of East Point	240	93
2-19	W. of East Point	93	93
2-20	W. of East Point	240	93

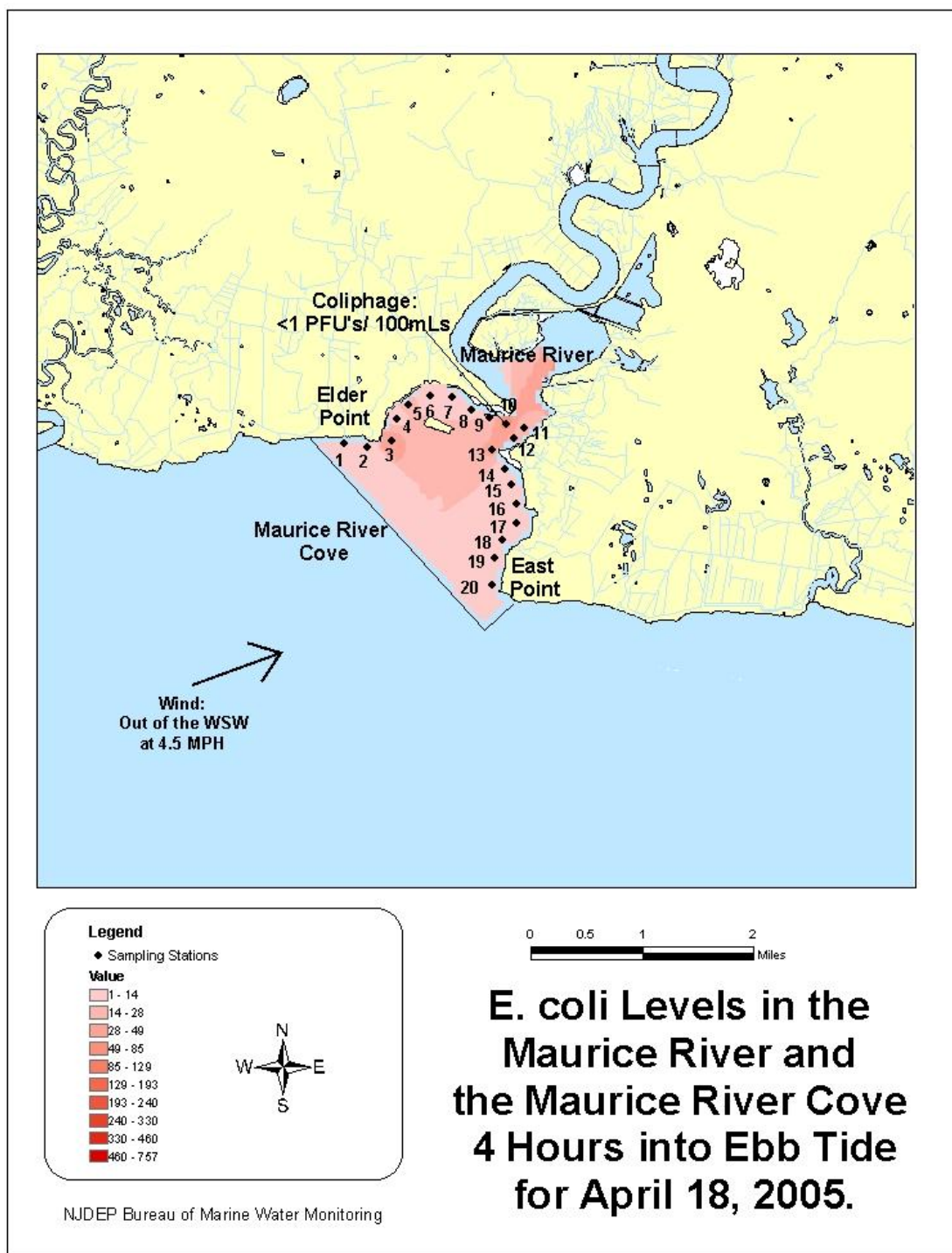
**Table 9: 6 Hours into Ebb Tide on September 23, 2004**

<b>Sampling Station</b>	<b>Location</b>	<b>Total Coliform Level</b>	<b>Fecal Coliform Levels</b>
3-1	S. of Elder Point	460	240
3-2	S. of Elder Point	460	460
3-3	E. of Elder Point	43	43
3-4	NE of Elder Point	93	43
3-5	W of Fowler Island	43	43
3-6	NW of Fowler Island	150	43
3-7	N of Fowler Island, S of Basket Flat	93	93
3-8	S of Basket Flat	93	43
3-9	SE of Basket Flat	93	93
3-10	SE of Basket Flat	150	75
3-11	SE of Basket Flat, E side of M.R.	240	240
3-12	SE of Basket Flat	240	93
3-13	S of Basket Flat, E of Fowler Island	93	23
3-14	SE of Station 13	240	240
3-15	SE of Station 14	93	43
3-16	W of Andrews Ditch	240	240
3-17	NW of East Point	43	43
3-18	NW of East Point	43	43
3-19	W. of East Point	43	15
3-20	W. of East Point	93	43



**Figure 21: E. coli Levels in the Maurice River and the Maurice River Cove 2 Hours into Ebb Tide for April 18, 2005.**





**Figure 22: E. coli Levels in the Maurice River and the Maurice River Cove 4 Hours into Ebb Tide for April 18, 2005.**

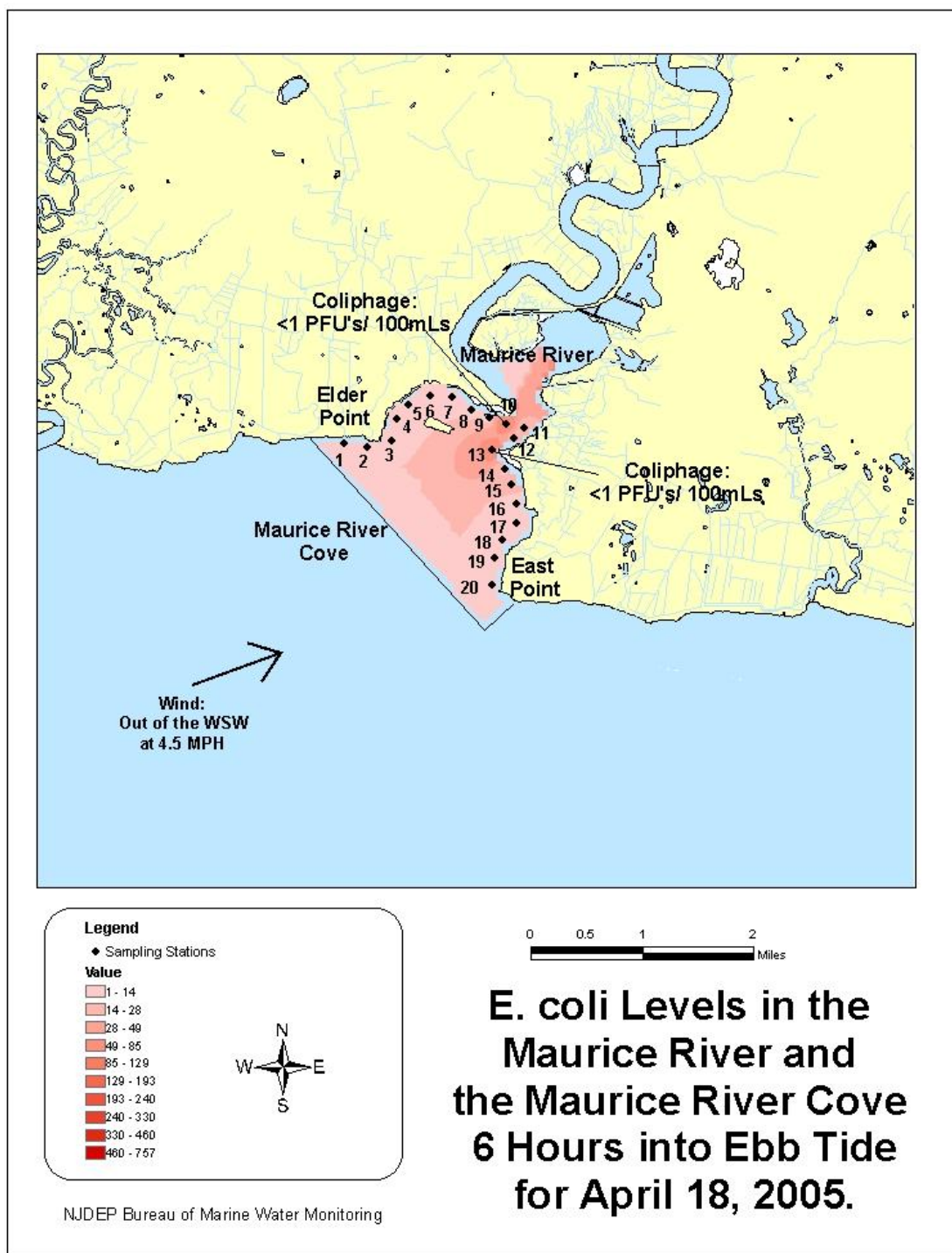
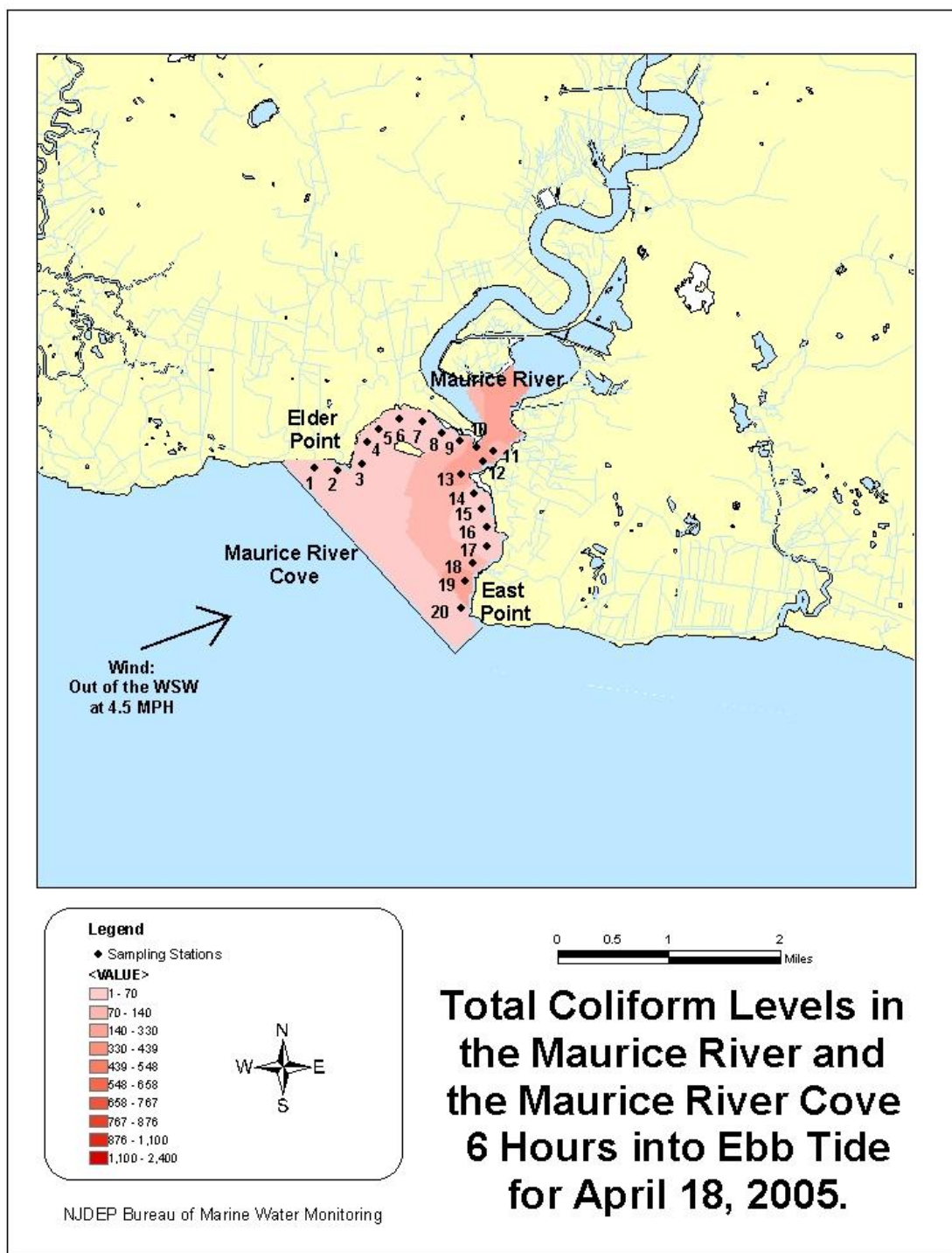


Figure 23: E. coli Levels in the Maurice River and the Maurice River Cove 6 Hours into Ebb Tide for April 18, 2005.





**Figure 24: Total Coliform Levels in the Maurice River and the Maurice River Cove 6 Hours into Ebb Tide for April 18, 2005.**

## Maurice River Data - April 18, 2005

**Table 10: 2 Hours into Ebb Tide on April 18, 2005**

Sampling Station	Location	<i>E. coli</i> Levels	Coliphage
1-1	S. of Elder Point	7	
1-2	S. of Elder Point	3	
1-3	E. of Elder Point	7	
1-4	NE of Elder Point	757	<1
1-5	W of Fowler Island	323	<1
1-6	NW of Fowler Island	93	<1
1-7	N of Fowler Island, S of Basket Flat	47	
1-8	S of Basket Flat	27	
1-9	SE of Basket Flat	20	
1-10	NE of Basket Flat	17	
1-11	E of Basket Flat	10	
1-12	SE of Basket Flat	13	
1-13	S of Basket Flat, E of Fowler Island	13	
1-14	SE of Station 13	7	
1-15	SE of Station 14	7	
1-16	W of Andrews Ditch	13	
1-17	NW of East Point	7	
1-18	NW of East Point	10	
1-19	W. of East Point	17	
1-20	W. of East Point	3	

**Table 11: 4 Hours into Ebb Tide on April 18, 2005**

Sampling Station	Location	<i>E. coli</i> Levels	Coliphage
2-1	S. of Elder Point	10	
2-2	S. of Elder Point	3	
2-3	E. of Elder Point	40	
2-4	NE of Elder Point	7	
2-5	W of Fowler Island	17	
2-6	NW of Fowler Island	7	
2-7	N of Fowler Island, S of Basket Flat	7	
2-8	S of Basket Flat	10	
2-9	SE of Basket Flat	10	
2-10	NE of Basket Flat	67	<1
2-11	E of Basket Flat	13	
2-12	SE of Basket Flat	23	
2-13	S of Basket Flat, E of Fowler Island	33	
2-14	SE of Station 13	3	
2-15	SE of Station 14	10	
2-16	W of Andrews Ditch	10	
2-17	NW of East Point	10	
2-18	NW of East Point	3	
2-19	W. of East Point	3	
2-20	W. of East Point	3	

**Table 12: 6 Hours into Ebb Tide on April 18, 2005**

<b>Sampling Station</b>	<b>Location</b>	<b>Total Coliform Level</b>	<b><u>E. coli</u> Levels</b>	<b>Coliphage</b>
3-1	S. of Elder Point	23	3k	
3-2	S. of Elder Point	23	3	
3-3	E. of Elder Point	3.6	10	
3-4	NE of Elder Point	21	7	
3-5	W of Fowler Island	21	7	
3-6	NW of Fowler Island	43	3k	
3-7	N of Fowler Island, S of Basket Flat	23	7	
3-8	S of Basket Flat	9.1	7	
3-9	SE of Basket Flat	43	3	
3-10	NE of Basket Flat	240	100	<1
3-11	E of Basket Flat	93	10	
3-12	SE of Basket Flat	240	13	
3-13	S of Basket Flat, E of Fowler Island	240	77	<1
3-14	SE of Station 13	23	10	
3-15	SE of Station 14	23	23	
3-16	W of Andrews Ditch	23	3k	
3-17	NW of East Point	15	10	
3-18	NW of East Point	93	3	
3-19	W. of East Point	240	10	
3-20	W. of East Point	43	10	

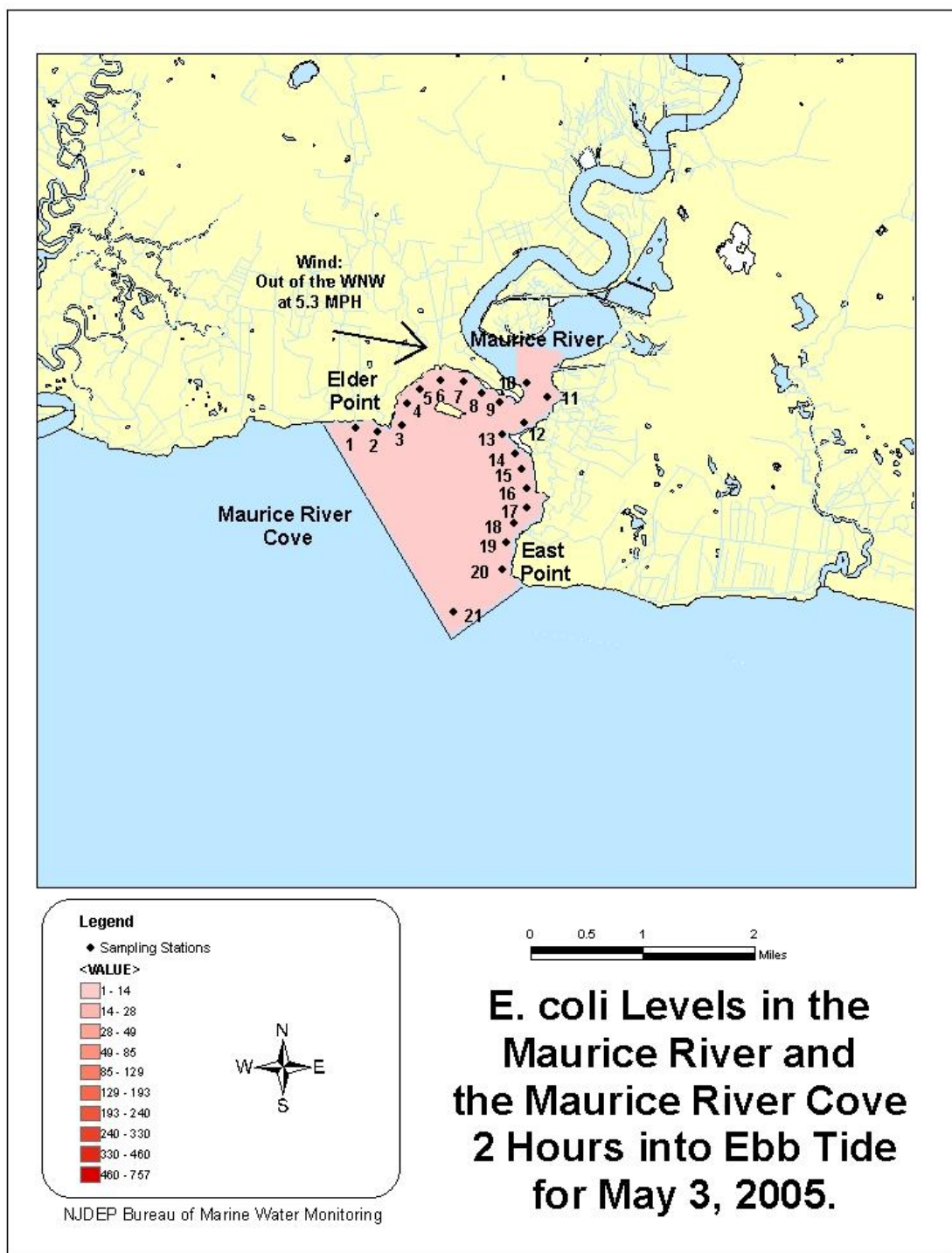


Figure 25: E. coli Levels in the Maurice River and the Maurice River Cove 2 Hours into Ebb Tide for May 3, 2005.

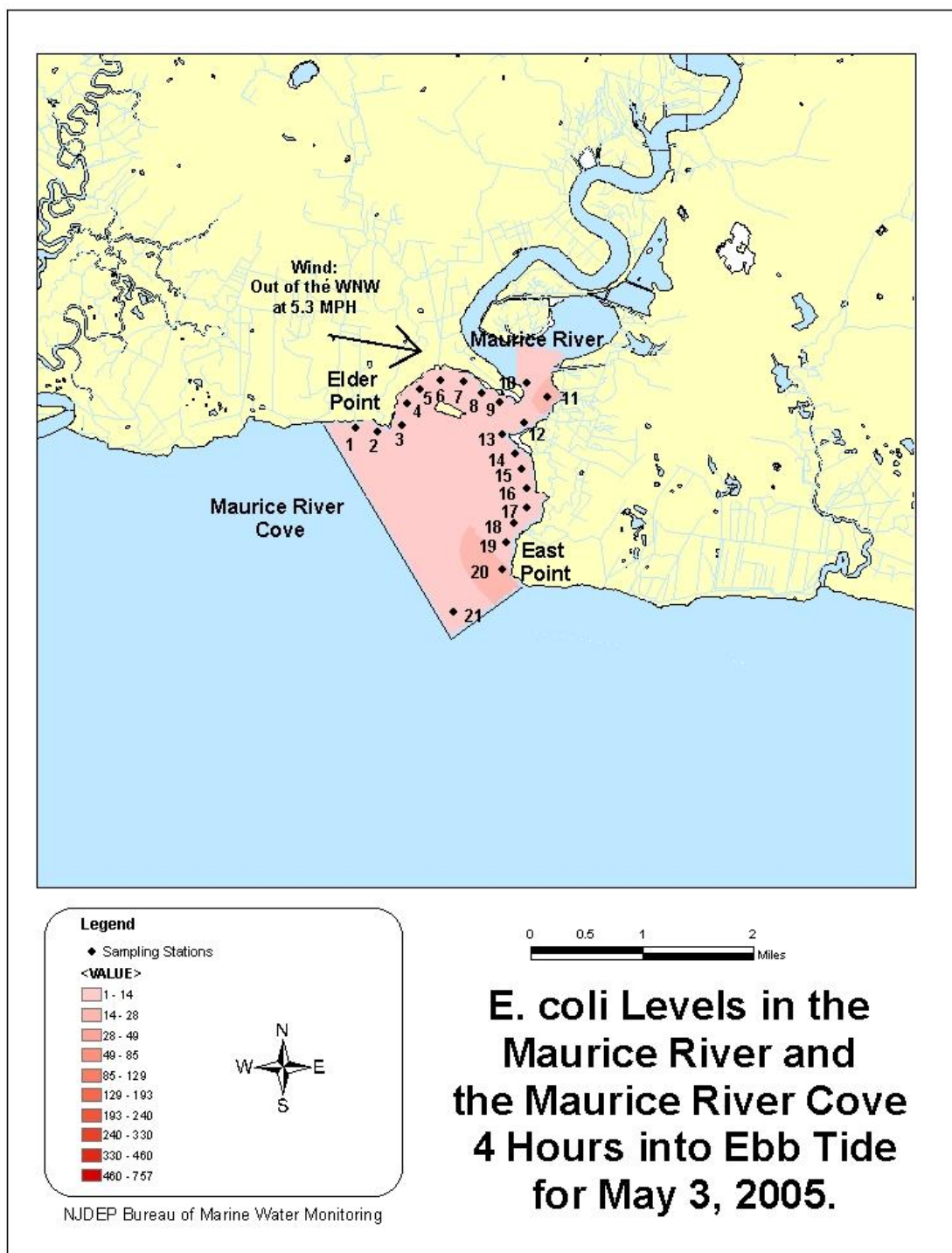


Figure 26: E. coli Levels in the Maurice River and the Maurice River Cove 4 Hours into Ebb Tide for May 3, 2005.

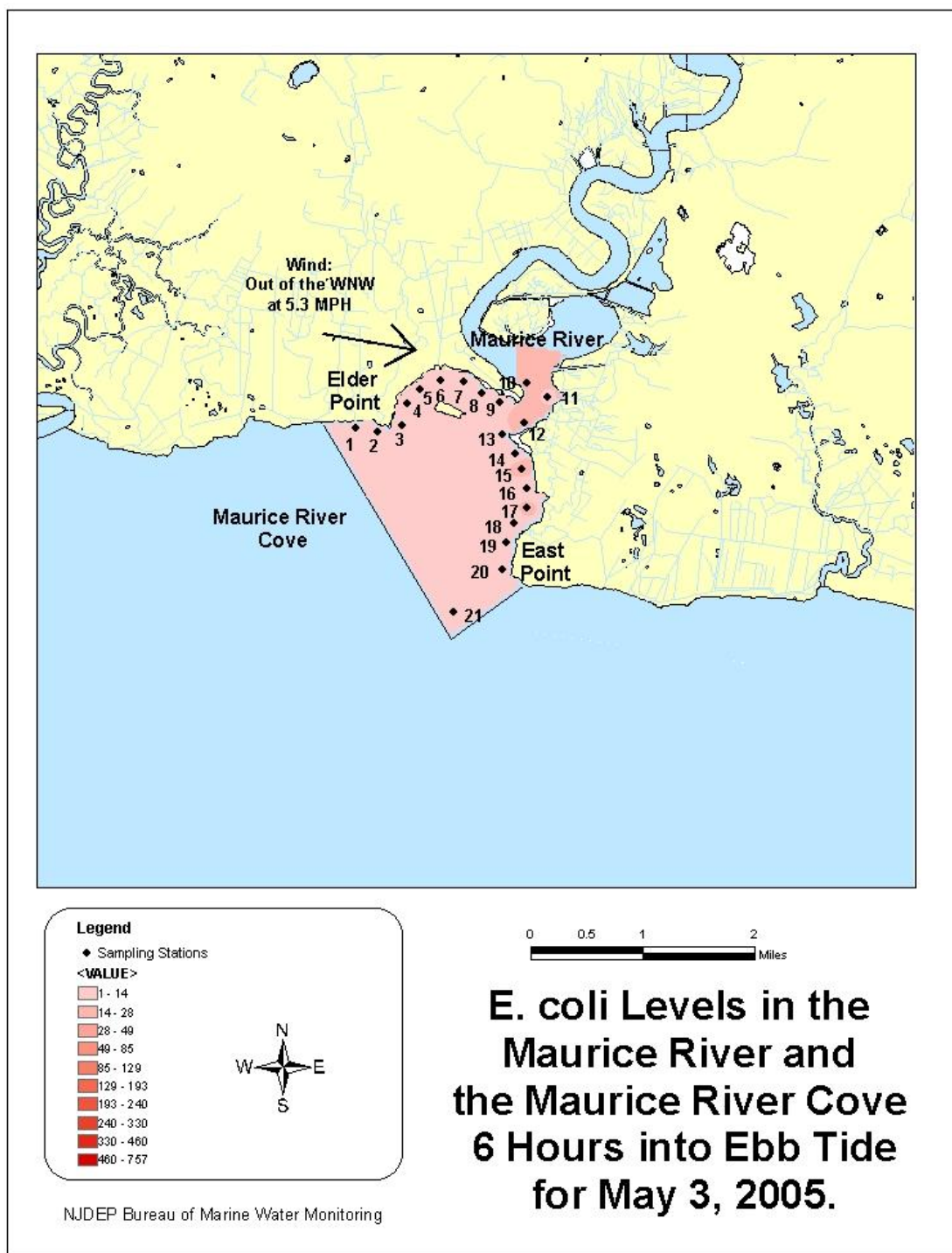
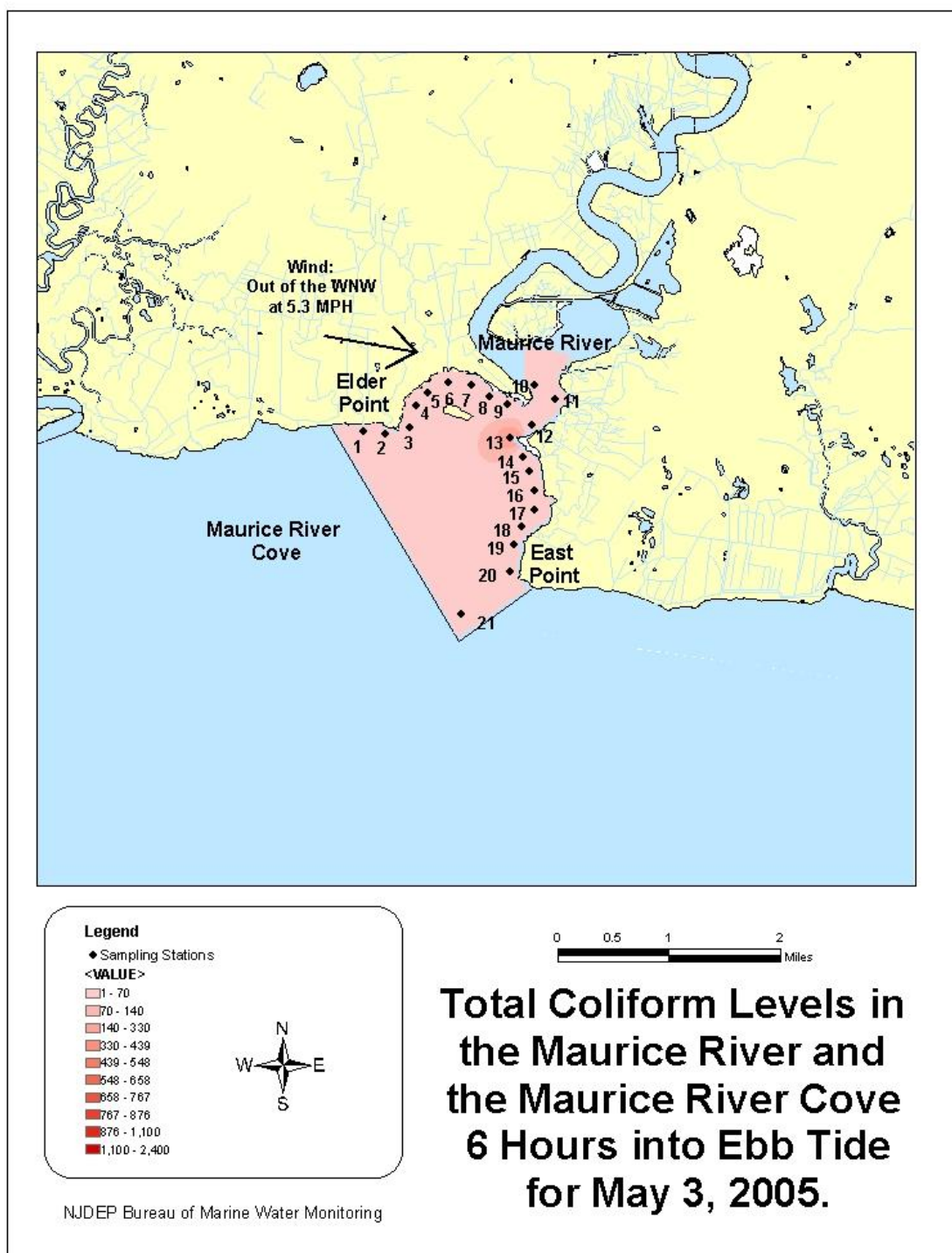


Figure 27: E. coli Levels in the Maurice River and the Maurice River Cove 6 Hours into Ebb Tide for May 3, 2005.





**Figure 28: Total Coliform Levels in the Maurice River and the Maurice River Cove 6 Hours into Ebb Tide for May 3, 2005.**

## Maurice River Data - May 3, 2005

**Table 13: 2 Hours into Ebb Tide on May 3, 2005**

Sampling Station	Location	<i>E. coli</i> Levels
1-1	S. of Elder Point	3
1-2	S. of Elder Point	3
1-3	E. of Elder Point	3
1-4	NE of Elder Point	7
1-5	W of Fowler Island	3
1-6	NW of Fowler Island	13
1-7	N of Fowler Island, S of Basket Flat	7
1-8	S of Basket Flat	3k
1-9	SE of Basket Flat	7
1-10	NE of Basket Flat	10
1-11	E of Basket Flat	3
1-12	SE of Basket Flat	10
1-13	S of Basket Flat, E of Fowler Island	3
1-14	SE of Station 13	7
1-15	SE of Station 14	13
1-16	W of Andrews Ditch	10
1-17	NW of East Point	3k
1-18	NW of East Point	10
1-19	W. of East Point	7
1-20	W. of East Point	3k
1-21	Maurice River Cove, SW of East Point	

**Table 14: 4 Hours into Ebb Tide on May 3, 2005**

Sampling Station	Location	<i>E. coli</i> Levels
2-1	S. of Elder Point	3k
2-2	S. of Elder Point	3k
2-3	E. of Elder Point	3
2-4	NE of Elder Point	3
2-5	W of Fowler Island	3
2-6	NW of Fowler Island	3
2-7	N of Fowler Island, S of Basket Flat	7
2-8	S of Basket Flat	3
2-9	SE of Basket Flat	7
2-10	NE of Basket Flat	7
2-11	E of Basket Flat	20
2-12	SE of Basket Flat	13
2-13	S of Basket Flat, E of Fowler Island	10
2-14	SE of Station 13	10
2-15	SE of Station 14	10
2-16	W of Andrews Ditch	13
2-17	NW of East Point	3
2-18	NW of East Point	3k
2-19	W. of East Point	3
2-20	W. of East Point	20
2-21	Maurice River Cove, SW of East Point	7

**Table 15: 6 Hours into Ebb Tide on May 3, 2005**

<b>Sampling Station</b>	<b>Location</b>	<b><u>E. coli</u> Levels</b>	<b>Total Coliform Level</b>
3-1	S. of Elder Point	3k	15
3-2	S. of Elder Point	3	43
3-3	E. of Elder Point	3k	15
3-4	NE of Elder Point	3	3.6
3-5	W of Fowler Island	7	23
3-6	NW of Fowler Island	10	15
3-7	N of Fowler Island, S of Basket Flat	7	23
3-8	S of Basket Flat	7	15
3-9	SE of Basket Flat	7	23
3-10	NE of Basket Flat	17	43
3-11	E of Basket Flat	13	23
3-12	SE of Basket Flat	30	23
3-13	S of Basket Flat, E of Fowler Island	7	240
3-14	SE of Station 13	10	23
3-15	SE of Station 14	20	23
3-16	W of Andrews Ditch	3	23
3-17	NW of East Point	17	3.6
3-18	NW of East Point	10	23
3-19	W. of East Point	3k	7.3
3-20	W. of East Point	3	3.6
3-21	Maurice River Cove, SW of East Point	13	43

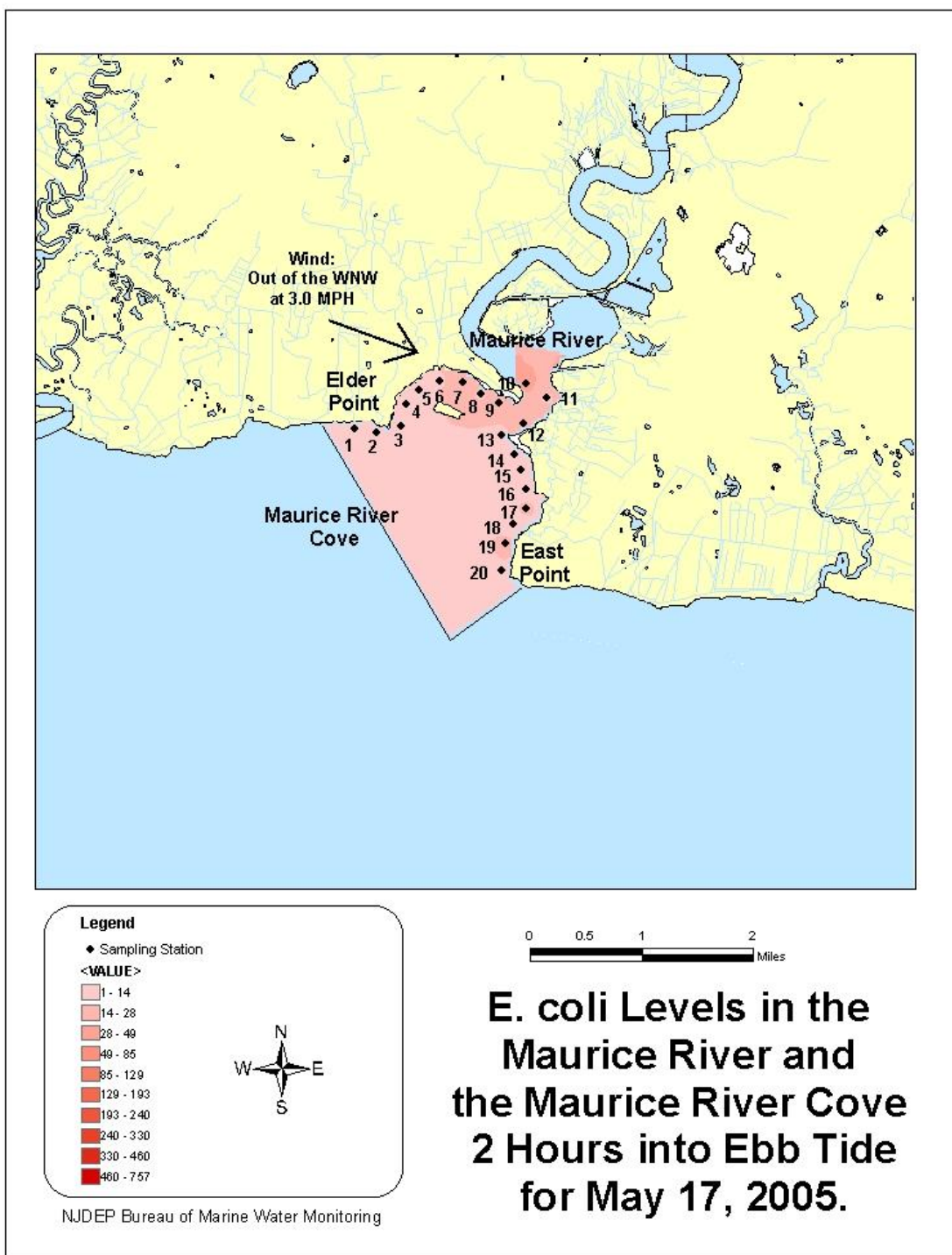
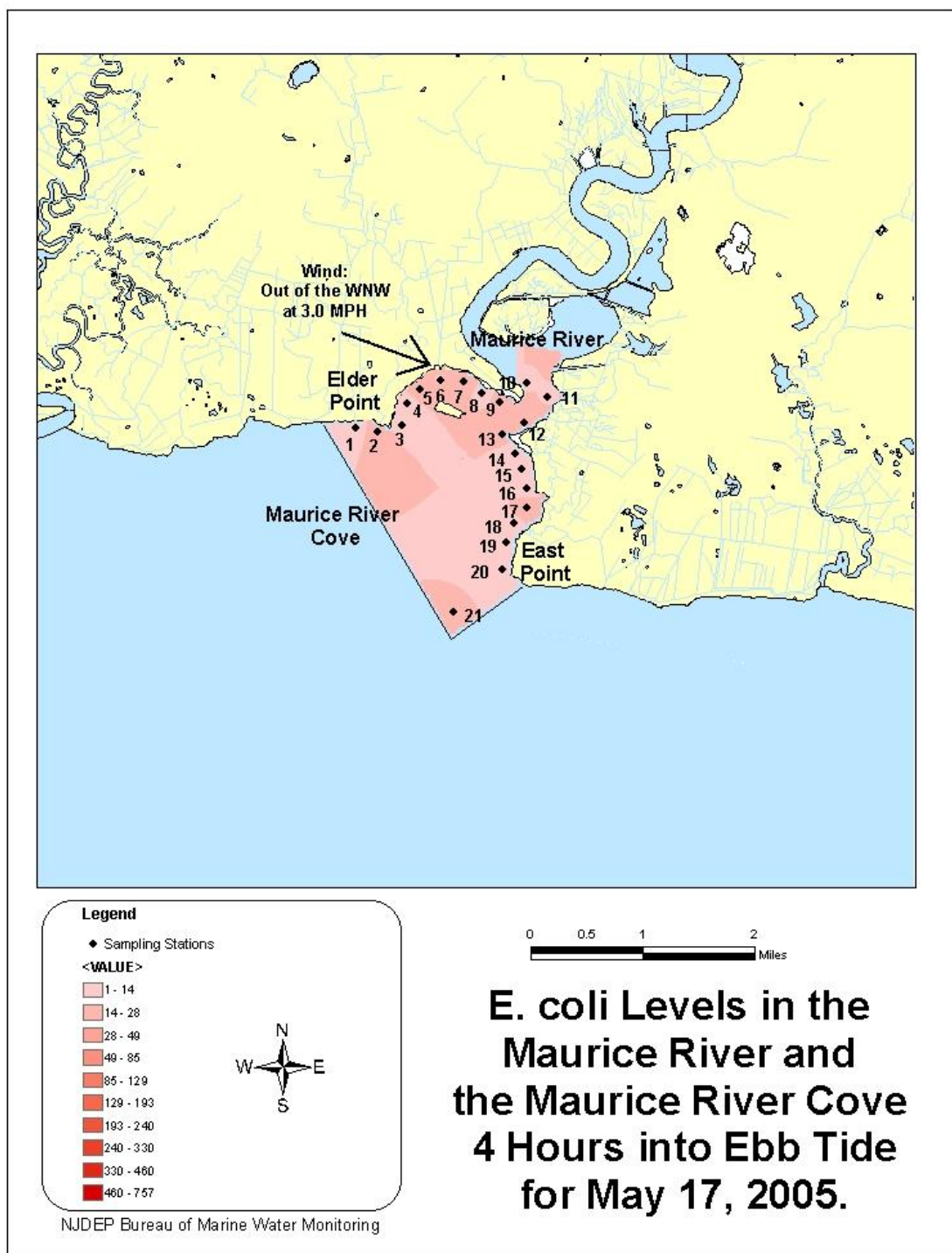
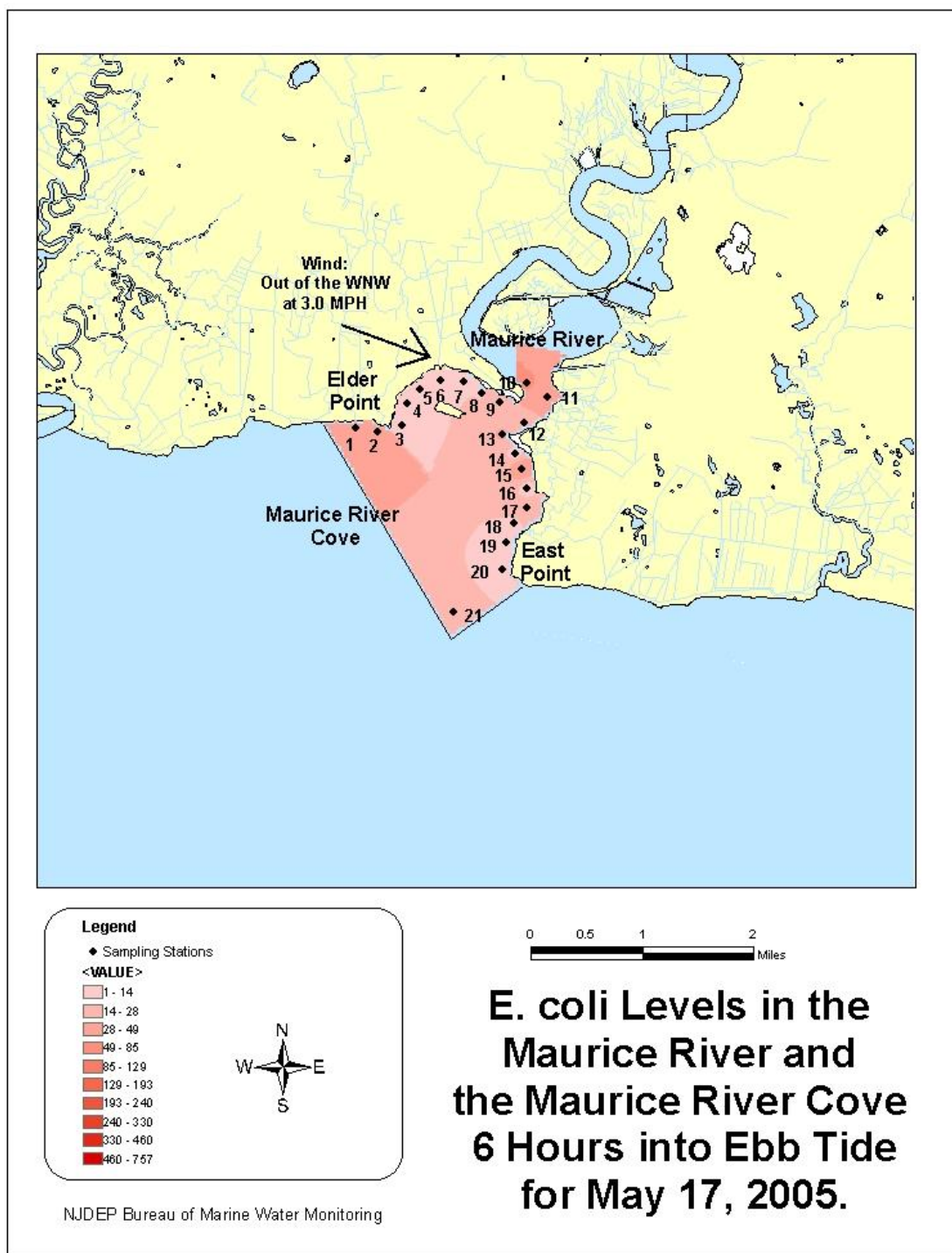


Figure 29: E. coli Levels in the Maurice River and the Maurice River Cove 2 Hours into Ebb Tide for May 17, 2005.

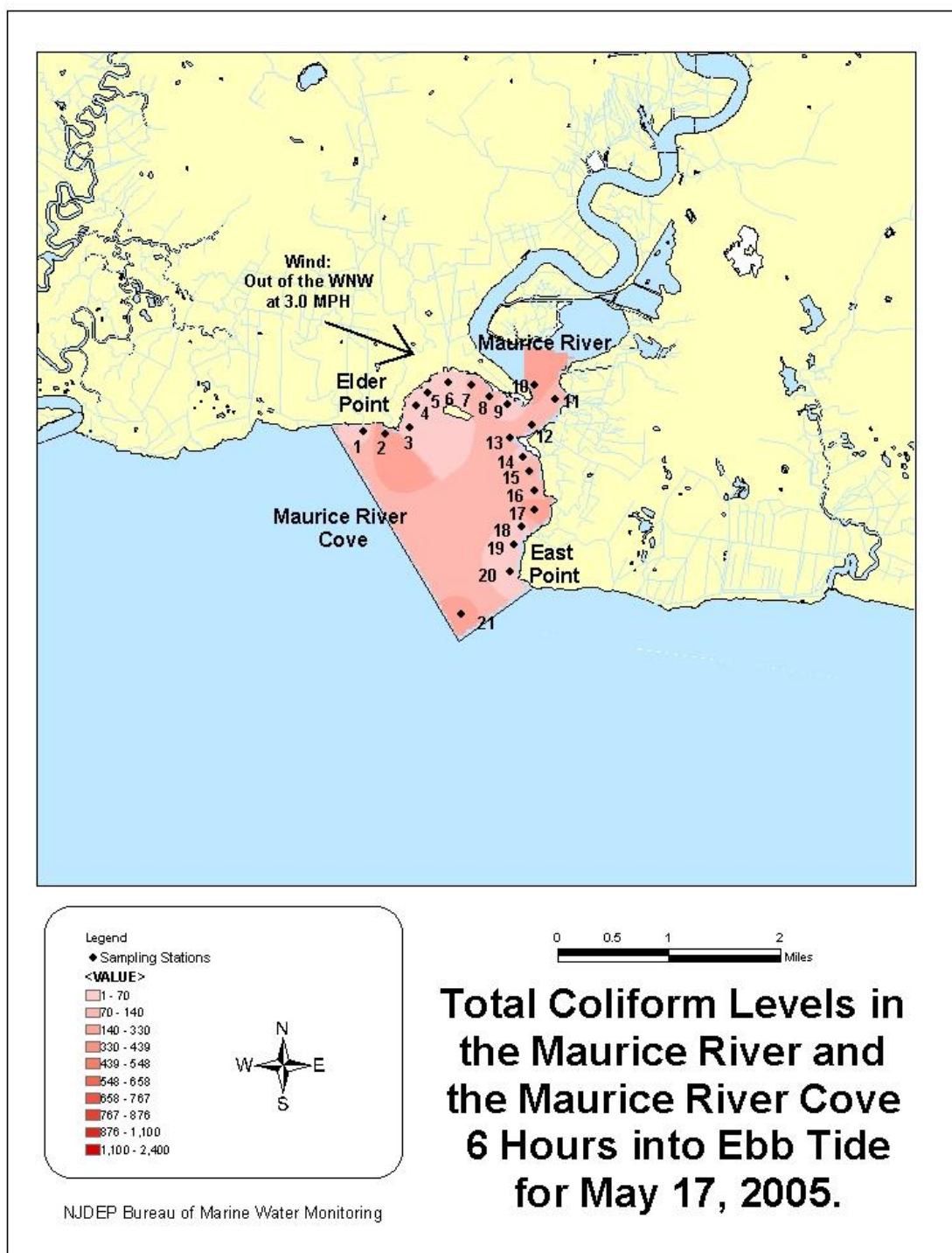


**Figure 30: E. coli Levels in the Maurice River and the Maurice River Cove 4 Hours into Ebb Tide for May 17, 2005.**



**Figure 31: E. coli Levels in the Maurice River and the Maurice River Cove 6 Hours into Ebb Tide for May 17, 2005.**





**Figure 32: Total Coliform Levels in the Maurice River and the Maurice River Cove 6 Hours into Ebb Tide for May 17, 2005.**

## Maurice River Data - May 17, 2005

**Table 16: 2 Hours into Ebb Tide on May 17, 2005**

Sampling Station	Location	<i>E. coli</i> Levels
1-1	S. of Elder Point	7
1-2	S. of Elder Point	3
1-3	E. of Elder Point	10
1-4	NE of Elder Point	10
1-5	W of Fowler Island	13
1-6	NW of Fowler Island	13
1-7	N of Fowler Island, S of Basket Flat	23
1-8	S of Basket Flat	13
1-9	SE of Basket Flat	20
1-10	NE of Basket Flat	33
1-11	E of Basket Flat	13
1-12	SE of Basket Flat	17
1-13	S of Basket Flat, E of Fowler Island	13
1-14	SE of Station 13	7
1-15	SE of Station 14	7
1-16	W of Andrews Ditch	3
1-17	NW of East Point	17
1-18	NW of East Point	3
1-19	W. of East Point	17
1-20	W. of East Point	3k
1-21	Maurice River Cove, SW of East Point	

**Table 17: 4 Hours into Ebb Tide on May 17, 2005**

Sampling Station	Location	<i>E. coli</i> Levels
2-1	S. of Elder Point	3
2-2	S. of Elder Point	27
2-3	E. of Elder Point	3
2-4	NE of Elder Point	7
2-5	W of Fowler Island	23
2-6	NW of Fowler Island	13
2-7	N of Fowler Island, S of Basket Flat	30
2-8	S of Basket Flat	7
2-9	SE of Basket Flat	17
2-10	NE of Basket Flat	13
2-11	E of Basket Flat	13
2-12	SE of Basket Flat	27
2-13	S of Basket Flat, E of Fowler Island	17
2-14	SE of Station 13	10
2-15	SE of Station 14	10
2-16	W of Andrews Ditch	3
2-17	NW of East Point	27
2-18	NW of East Point	10
2-19	W. of East Point	7
2-20	W. of East Point	3
2-21	Maurice River Cove, SW of East Point	17

**Table 18: 6 Hours into Ebb Tide on May 17, 2005**

<b>Sampling Station</b>	<b>Location</b>	<b><u>E. coli</u> Levels</b>	<b>Total Coliform Level</b>
3-1	S. of Elder Point	40	23
3-2	S. of Elder Point	30	240
3-3	E. of Elder Point	7	20
3-4	NE of Elder Point	3	23
3-5	W of Fowler Island	10	43
3-6	NW of Fowler Island	7	23
3-7	N of Fowler Island, S of Basket Flat	13	23
3-8	S of Basket Flat	13	120
3-9	SE of Basket Flat	23	23
3-10	NE of Basket Flat	53	240
3-11	E of Basket Flat	33	75
3-12	SE of Basket Flat	23	93
3-13	S of Basket Flat, E of Fowler Island	30	93
3-14	SE of Station 13	7	43
3-15	SE of Station 14	50	150
3-16	W of Andrews Ditch	7	93
3-17	NW of East Point	20	75
3-18	NW of East Point	13	43
3-19	W. of East Point	7	39
3-20	W. of East Point	7	43
3-21	Maurice River Cove, SW of East Point	23	150

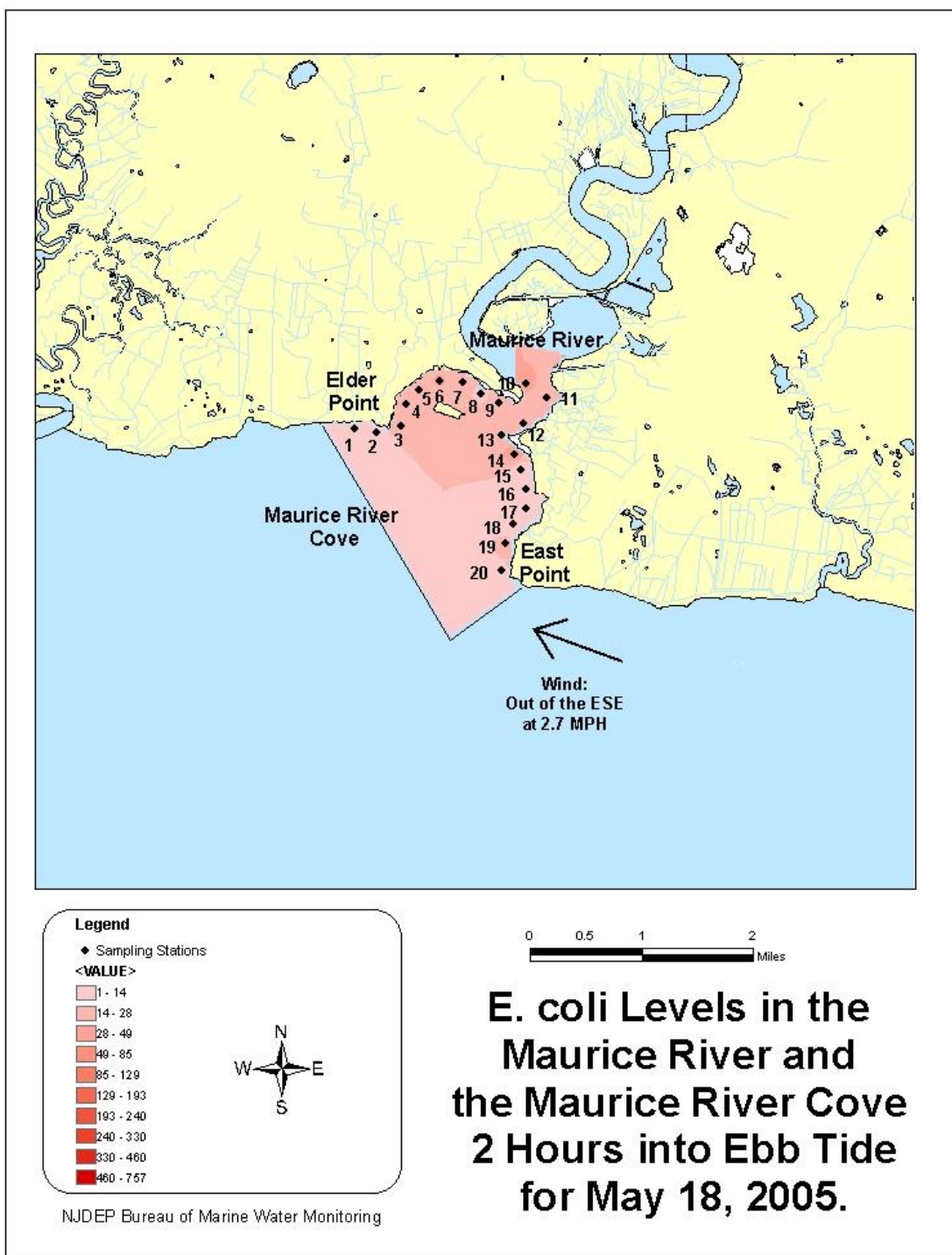


Figure 33: E. coli Levels in the Maurice River and the Maurice River Cove 2 Hours into Ebb Tide for May 18, 2005.

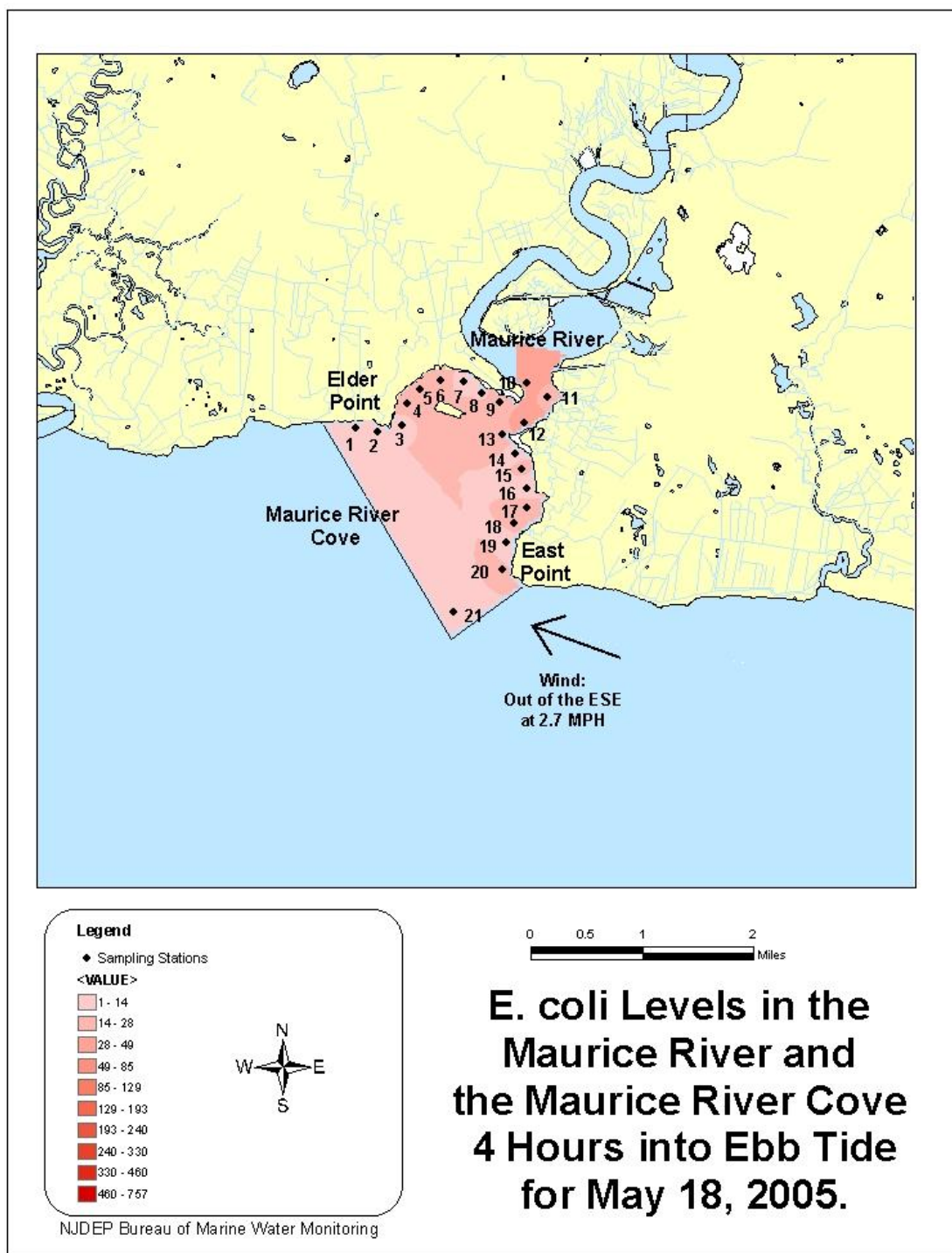
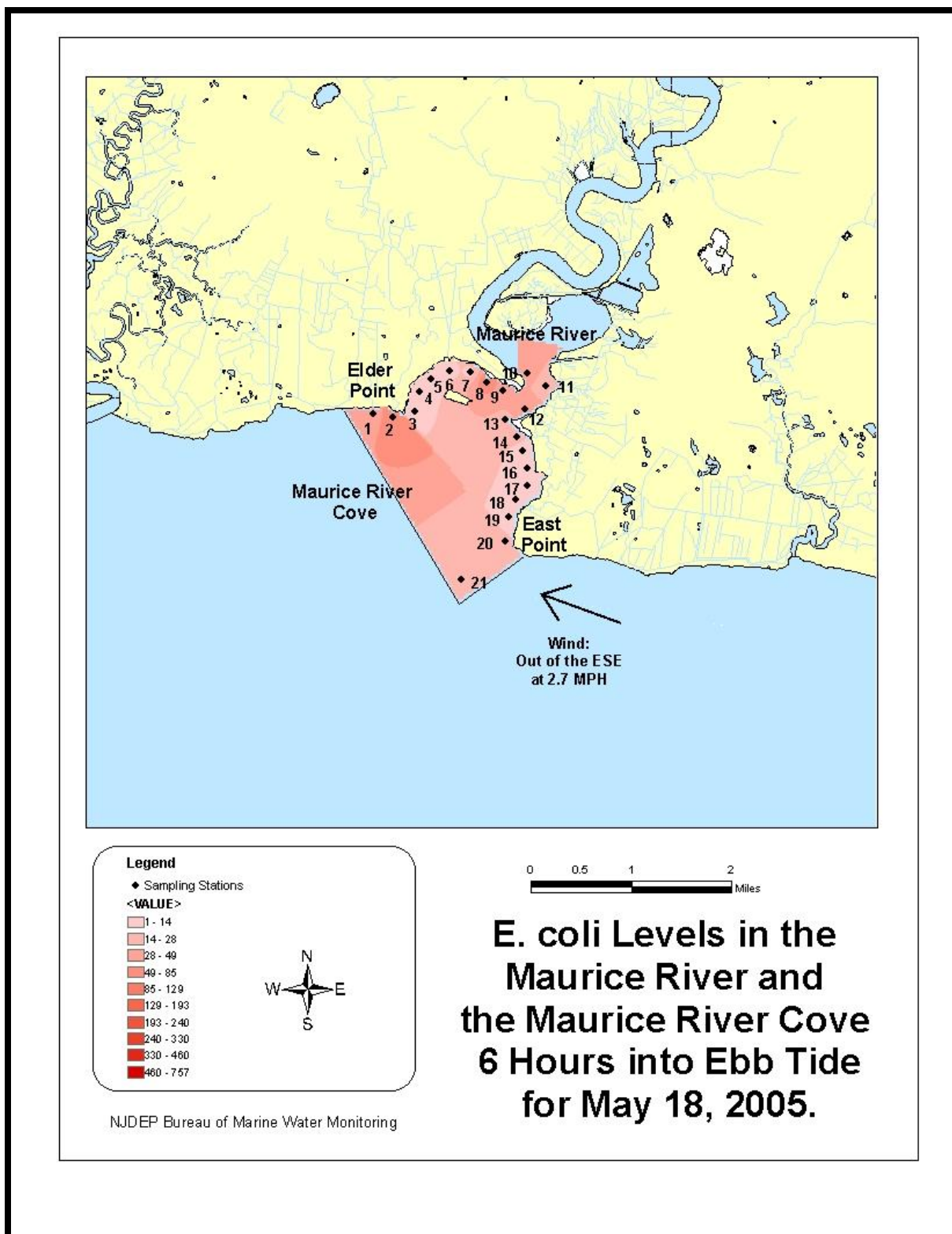
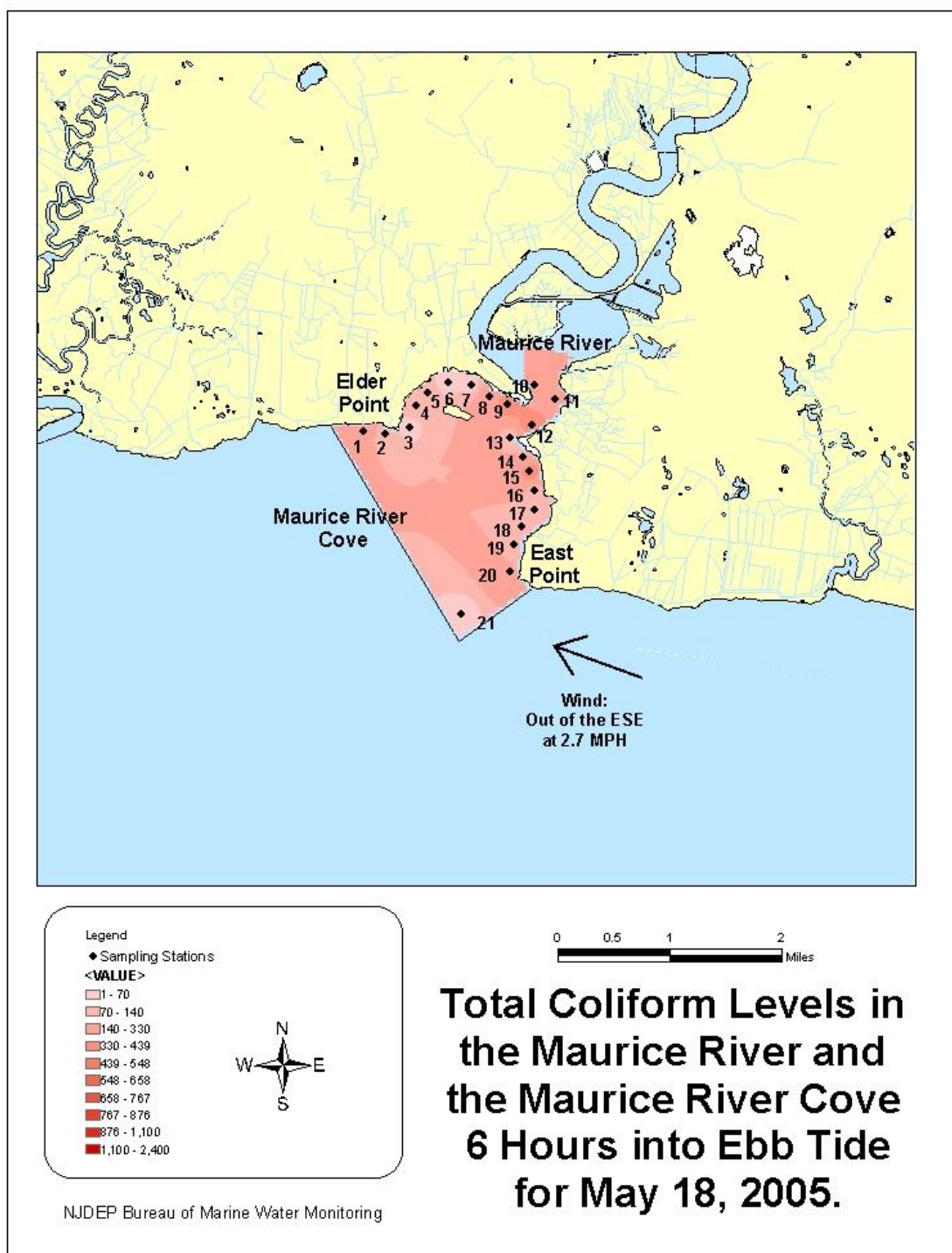


Figure 34: E. coli Levels in the Maurice River and the Maurice River Cove 4 Hours into Ebb Tide for May 18, 2005.



**Figure 35: E. coli Levels in the Maurice River and the Maurice River Cove 6 Hours into Ebb Tide for May 18, 2005.**





**Figure 36: Total Coliform Levels in the Maurice River and the Maurice River Cove 6 Hours into Ebb Tide for May 18, 2005.**

## Maurice River Data - May 18, 2005

**Table 19: 2 Hours into Ebb Tide on May 18, 2005**

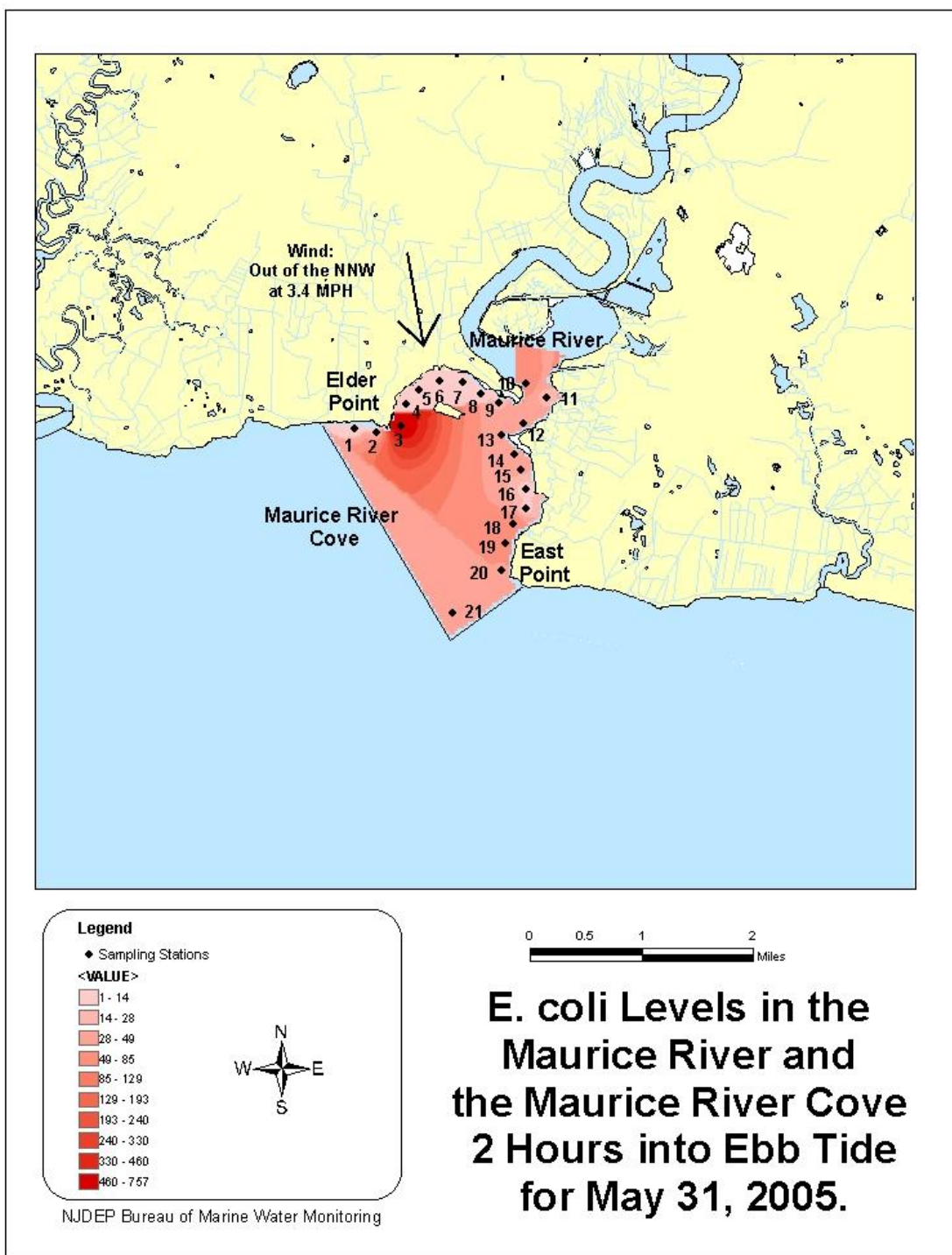
Sampling Station	Location	<i>E. coli</i> Levels
1-1	S. of Elder Point	13
1-2	S. of Elder Point	10
1-3	E. of Elder Point	17
1-4	NE of Elder Point	17
1-5	W of Fowler Island	17
1-6	NW of Fowler Island	30
1-7	N of Fowler Island, S of Basket Flat	20
1-8	S of Basket Flat	10
1-9	SE of Basket Flat	20
1-10	NE of Basket Flat	30
1-11	E of Basket Flat	23
1-12	SE of Basket Flat	23
1-13	S of Basket Flat, E of Fowler Island	20
1-14	SE of Station 13	40
1-15	SE of Station 14	3k
1-16	W of Andrews Ditch	3
1-17	NW of East Point	3
1-18	NW of East Point	3
1-19	W. of East Point	17
1-20	W. of East Point	3
1-21	Maurice River Cove, SW of East Point	

**Table 20: 4 Hours into Ebb Tide on May 18, 2005**

Sampling Station	Location	<i>E. coli</i> Levels
2-1	S. of Elder Point	13
2-2	S. of Elder Point	13
2-3	E. of Elder Point	10
2-4	NE of Elder Point	17
2-5	W of Fowler Island	27
2-6	NW of Fowler Island	17
2-7	N of Fowler Island, S of Basket Flat	10
2-8	S of Basket Flat	13
2-9	SE of Basket Flat	17
2-10	NE of Basket Flat	47
2-11	E of Basket Flat	20
2-12	SE of Basket Flat	47
2-13	S of Basket Flat, E of Fowler Island	20
2-14	SE of Station 13	10
2-15	SE of Station 14	17
2-16	W of Andrews Ditch	3k
2-17	NW of East Point	23
2-18	NW of East Point	17
2-19	W. of East Point	7
2-20	W. of East Point	17
2-21	Maurice River Cove, SW of East Point	3

**Table 21: 6 Hours into Ebb Tide on May 18, 2005**

<b>Sampling Station</b>	<b>Location</b>	<b><u>E. coli</u> Levels</b>	<b>Total Coliform Level</b>
3-1	S. of Elder Point	30	240
3-2	S. of Elder Point	73	75
3-3	E. of Elder Point	7	43
3-4	NE of Elder Point	10	93
3-5	W of Fowler Island	7	93
3-6	NW of Fowler Island	10	23
3-7	N of Fowler Island, S of Basket Flat	10	23
3-8	S of Basket Flat	73	240
3-9	SE of Basket Flat	40	460
3-10	NE of Basket Flat	37	240
3-11	E of Basket Flat	17	210
3-12	SE of Basket Flat	37	460
3-13	S of Basket Flat, E of Fowler Island	23	43
3-14	SE of Station 13	20	120
3-15	SE of Station 14	3k	460
3-16	W of Andrews Ditch	13	93
3-17	NW of East Point	10	93
3-18	NW of East Point	13	93
3-19	W. of East Point	13	75
3-20	W. of East Point	17	240
3-21	Maurice River Cove, SW of East Point	17	43



**Figure 37: E. coli Levels in the Maurice River and the Maurice River Cove 2 Hours into Ebb Tide for May 31, 2005.**

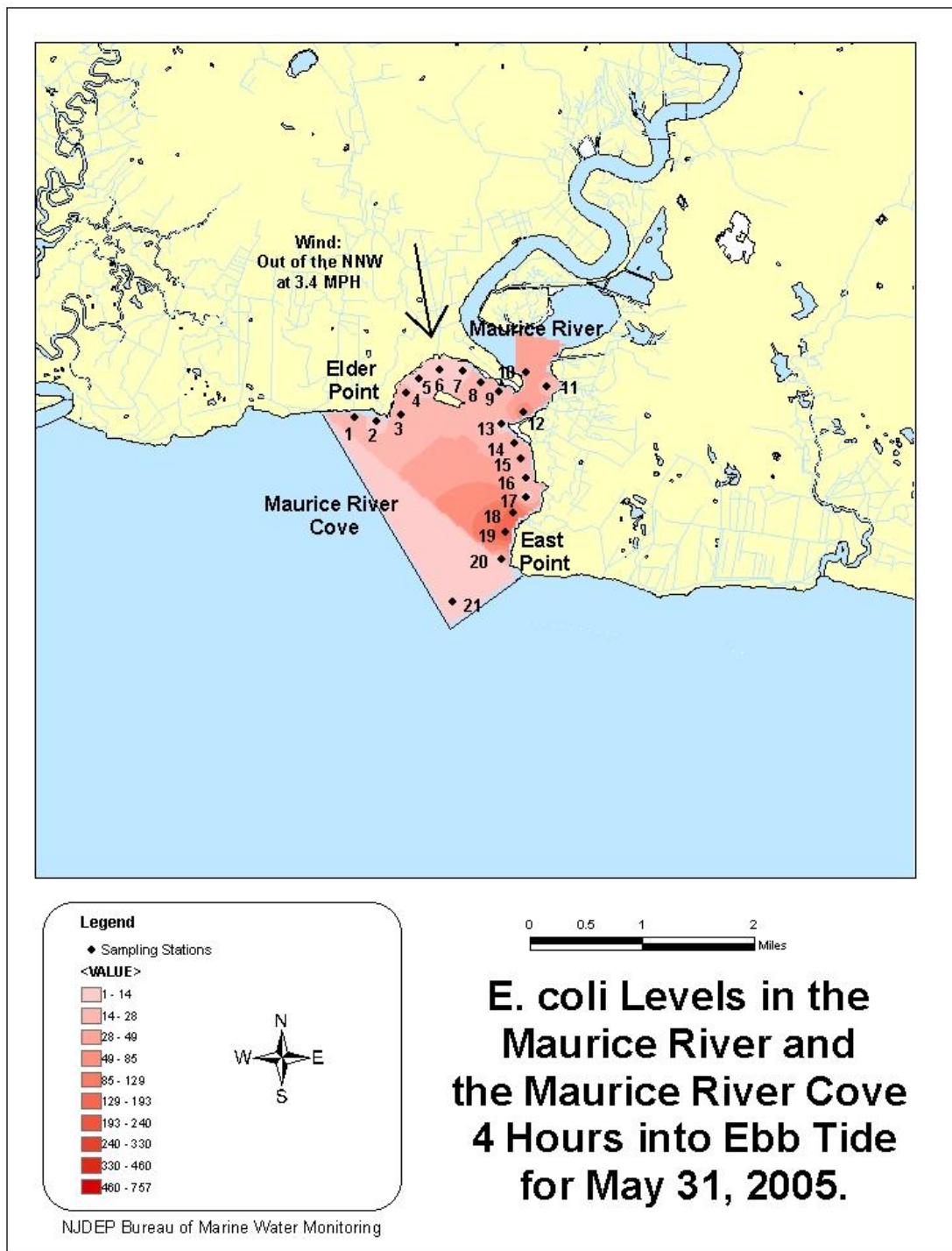


Figure 38: E. coli Levels in the Maurice River and the Maurice River Cove 4 Hours into Ebb Tide for May 31, 2005.

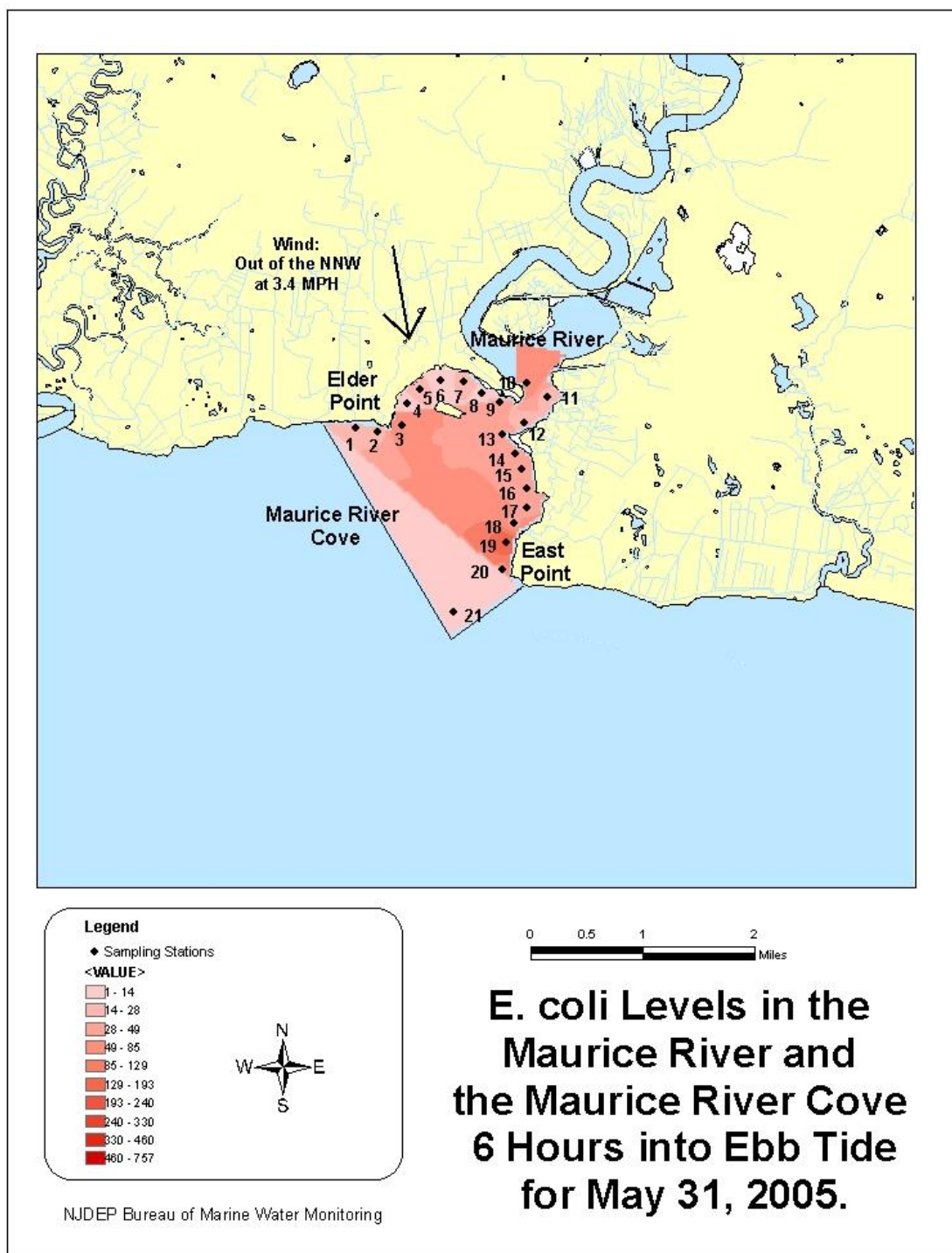
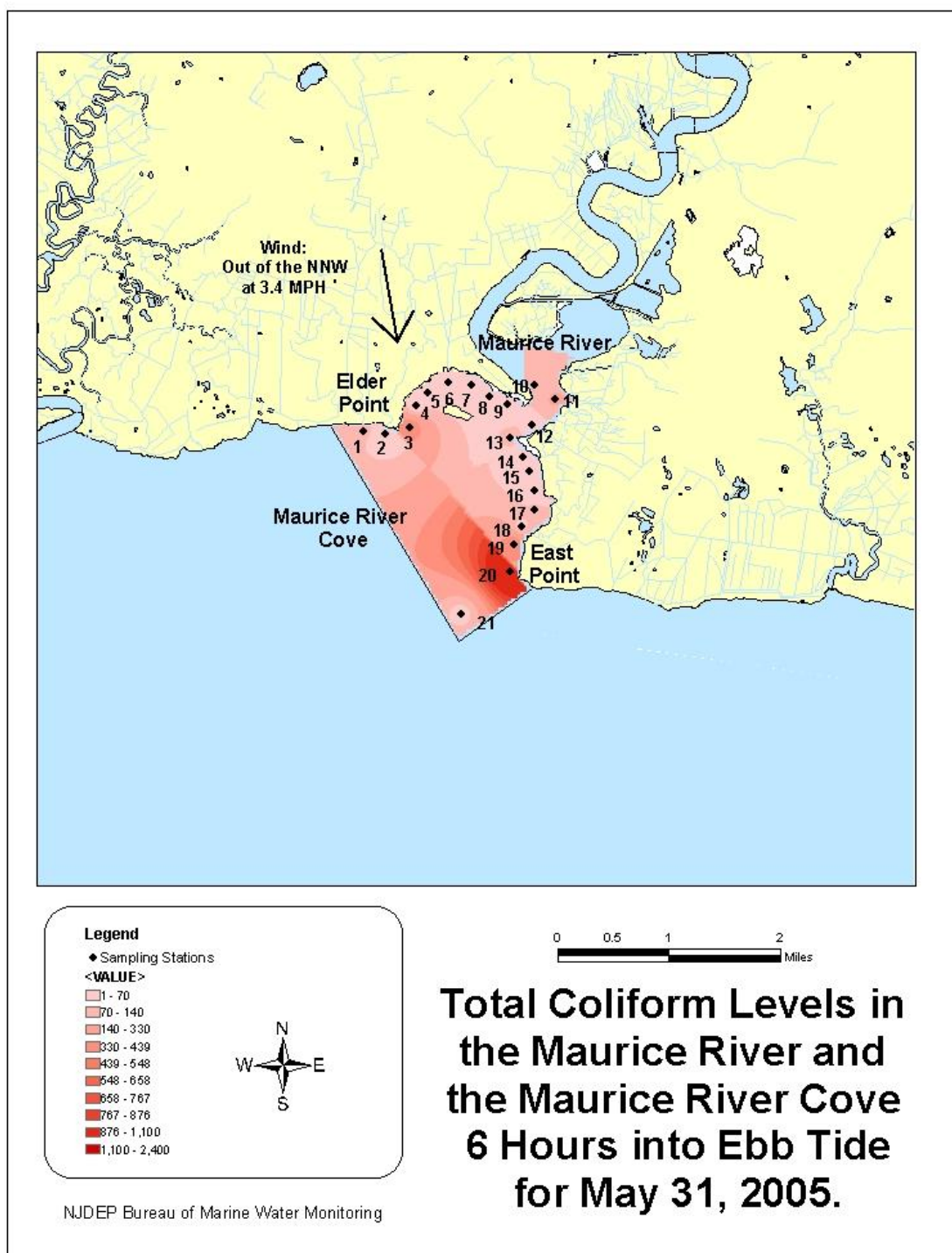


Figure 39: E. coli Levels in the Maurice River and the Maurice River Cove 6 Hours into Ebb Tide for May 31, 2005.





**Figure 40: Total Coliform Levels in the Maurice River and the Maurice River Cove 6 Hours into Ebb Tide for May 31, 2005.**

## Maurice River Data - May 31, 2005

**Table 22: 2 Hours into Ebb Tide on May 31, 2005**

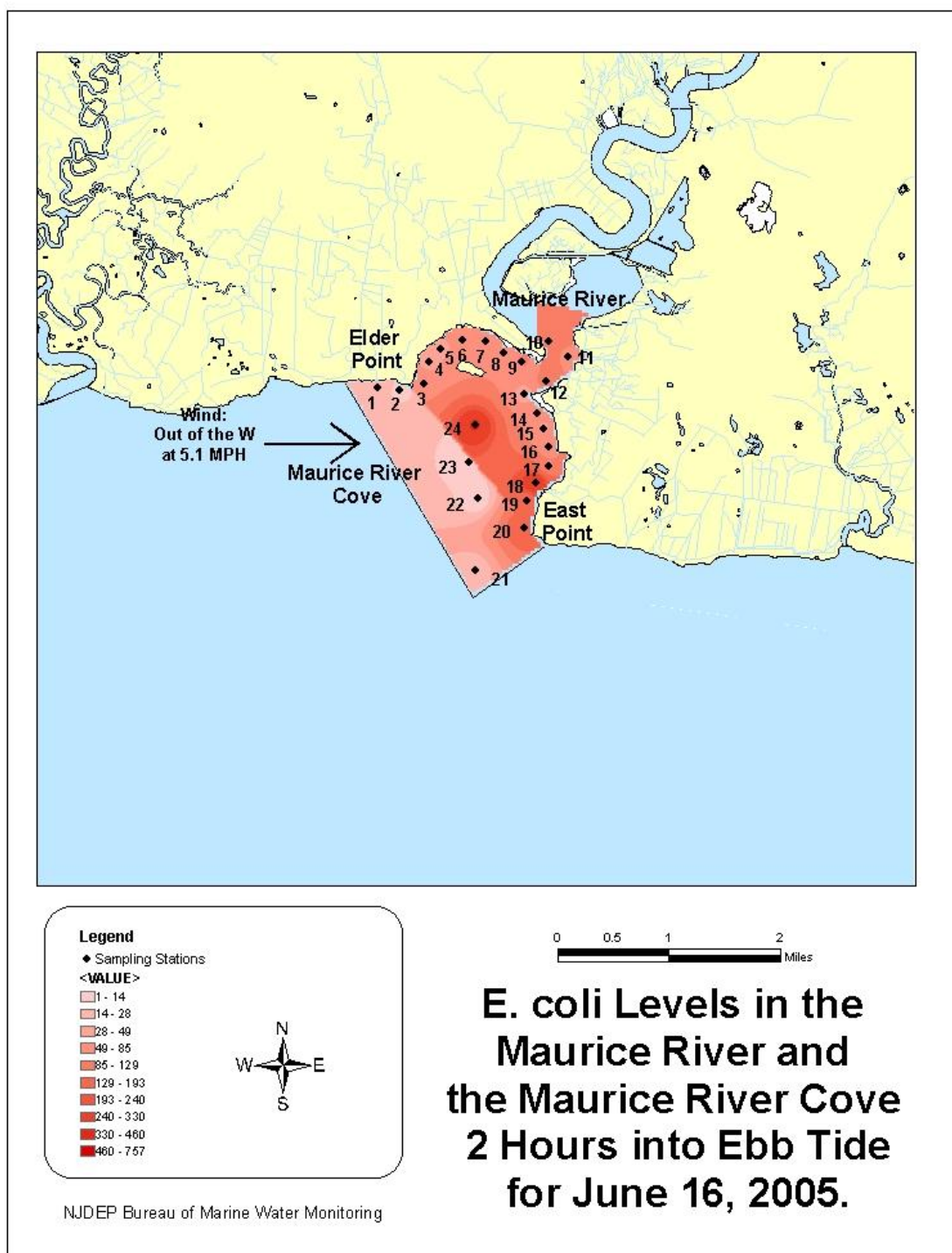
Sampling Station	Location	<i>E. coli</i> Levels
1-1	S. of Elder Point	3
1-2	S. of Elder Point	10
1-3	E. of Elder Point	640
1-4	NE of Elder Point	7
1-5	W of Fowler Island	13
1-6	NW of Fowler Island	10
1-7	N of Fowler Island, S of Basket Flat	3k
1-8	S of Basket Flat	13
1-9	SE of Basket Flat	23
1-10	NE of Basket Flat	67
1-11	E of Basket Flat	20
1-12	SE of Basket Flat	43
1-13	S of Basket Flat, E of Fowler Island	37
1-14	SE of Station 13	27
1-15	SE of Station 14	30
1-16	W of Andrews Ditch	3
1-17	NW of East Point	7
1-18	NW of East Point	83
1-19	W. of East Point	77
1-20	W. of East Point	43
1-21	Maurice River Cove, SW of East Point	47

**Table 23: 4 Hours into Ebb Tide on May 31, 2005**

Sampling Station	Location	<i>E. coli</i> Levels
2-1	S. of Elder Point	17
2-2	S. of Elder Point	10
2-3	E. of Elder Point	17
2-4	NE of Elder Point	17
2-5	W of Fowler Island	7
2-6	NW of Fowler Island	3
2-7	N of Fowler Island, S of Basket Flat	10
2-8	S of Basket Flat	27
2-9	SE of Basket Flat	13
2-10	NE of Basket Flat	47
2-11	E of Basket Flat	23
2-12	SE of Basket Flat	60
2-13	S of Basket Flat, E of Fowler Island	10
2-14	SE of Station 13	13
2-15	SE of Station 14	30
2-16	W of Andrews Ditch	10
2-17	NW of East Point	3
2-18	NW of East Point	147
2-19	W. of East Point	163
2-20	W. of East Point	20
2-21	Maurice River Cove, SW of East Point	3

**Table 24: 6 Hours into Ebb Tide on May 31, 2005**

<b>Sampling Station</b>	<b>Location</b>	<b><u>E. coli</u> Levels</b>	<b>Total Coliform Level</b>
3-1	S. of Elder Point	20	75
3-2	S. of Elder Point	17	43
3-3	E. of Elder Point	83	460
3-4	NE of Elder Point	10	23
3-5	W of Fowler Island	20	9.1
3-6	NW of Fowler Island	7	7.3
3-7	N of Fowler Island, S of Basket Flat	17	15
3-8	S of Basket Flat	13	43
3-9	SE of Basket Flat	33	23
3-10	NE of Basket Flat	87	75
3-11	E of Basket Flat	17	150
3-12	SE of Basket Flat	17	43
3-13	S of Basket Flat, E of Fowler Island	37	93
3-14	SE of Station 13	50	21
3-15	SE of Station 14	30	15
3-16	W of Andrews Ditch	30	23
3-17	NW of East Point	43	75
3-18	NW of East Point	37	43
3-19	W. of East Point	203	460
3-20	W. of East Point	77	1,100
3-21	Maurice River Cove, SW of East Point	7	43



**Figure 41: E. coli Levels in the Maurice River and the Maurice River Cove 2 Hours into Ebb Tide for June 16, 2005.**

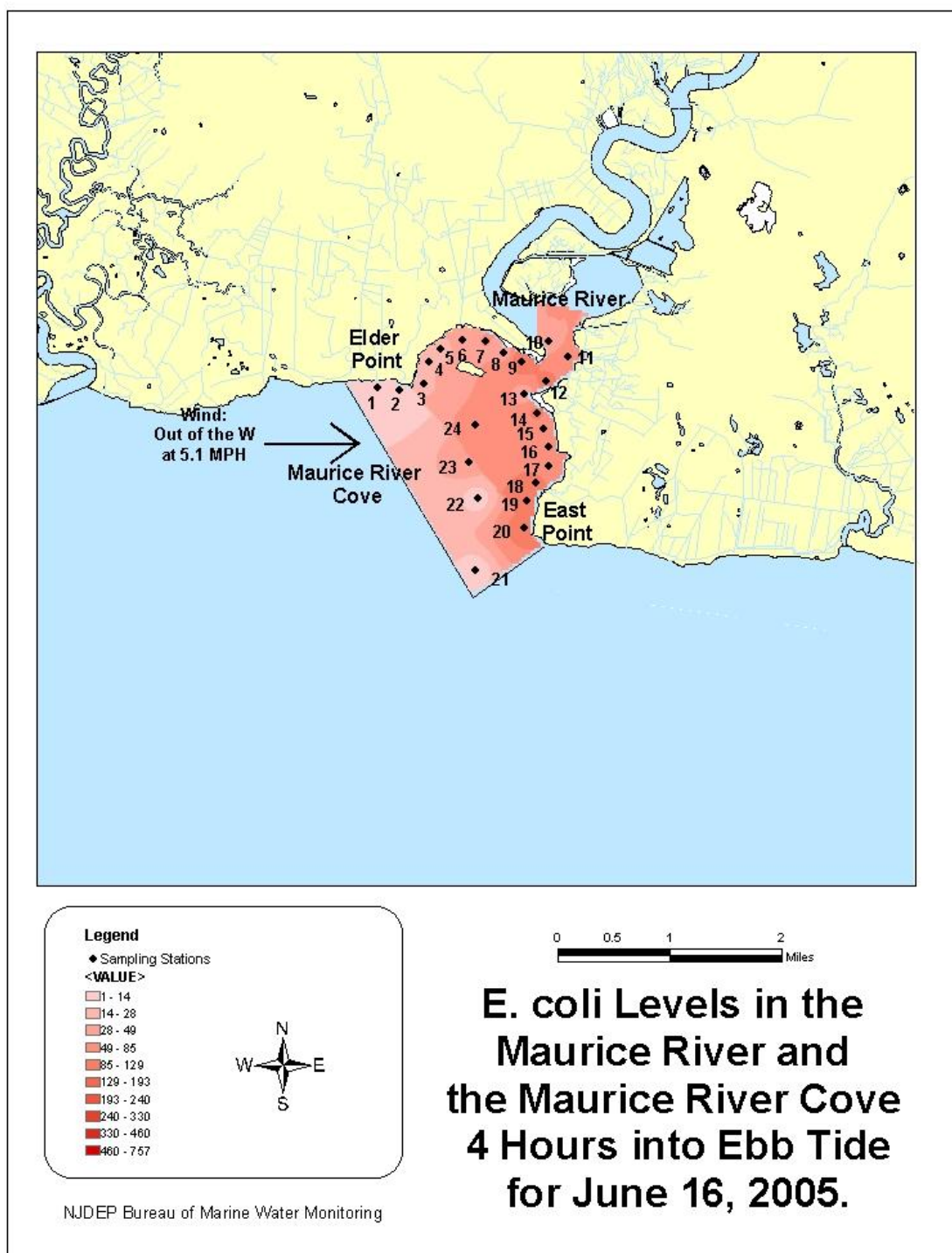


Figure 42: E. coli Levels in the Maurice River and the Maurice River Cove 4 Hours into Ebb Tide for June 16, 2005.

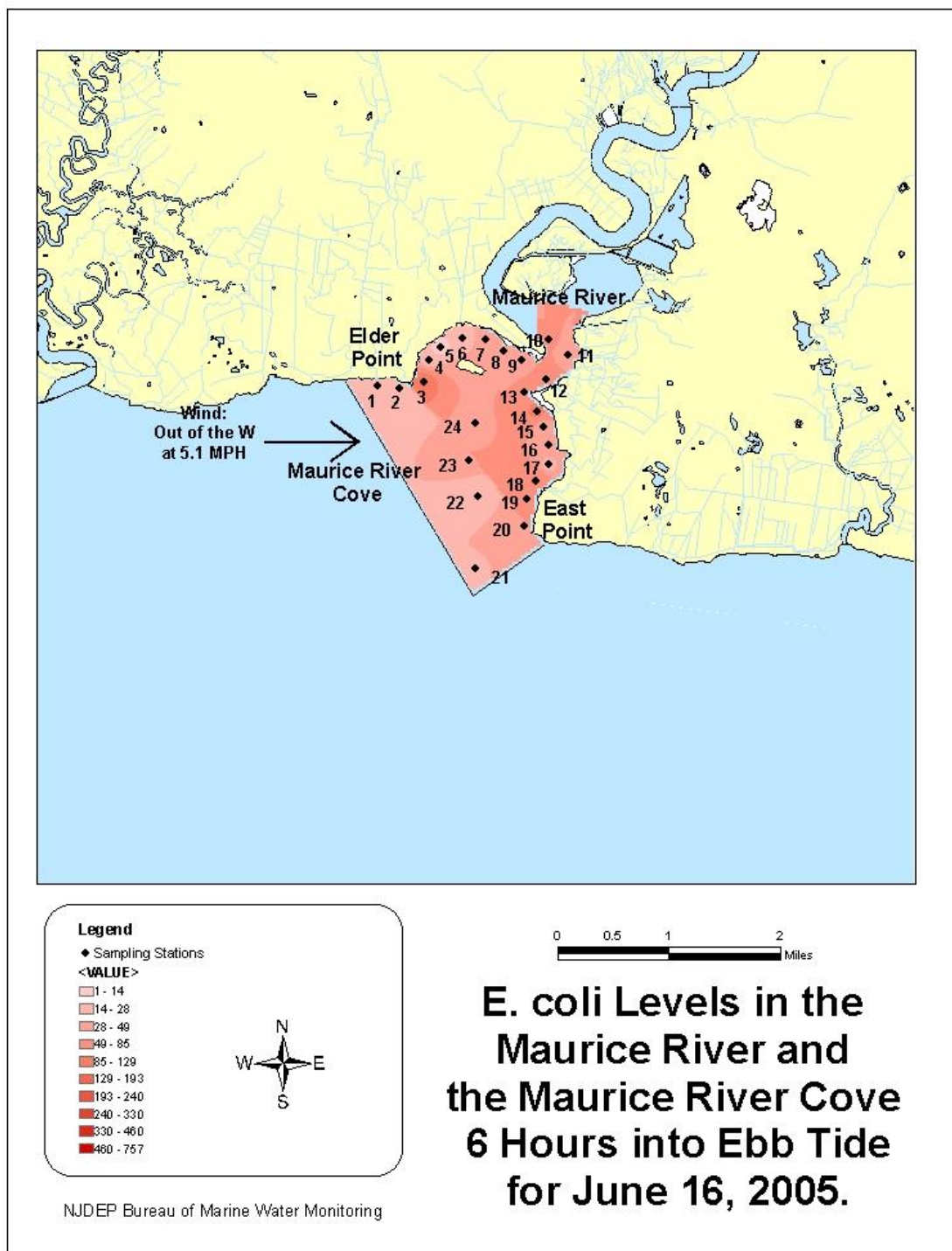
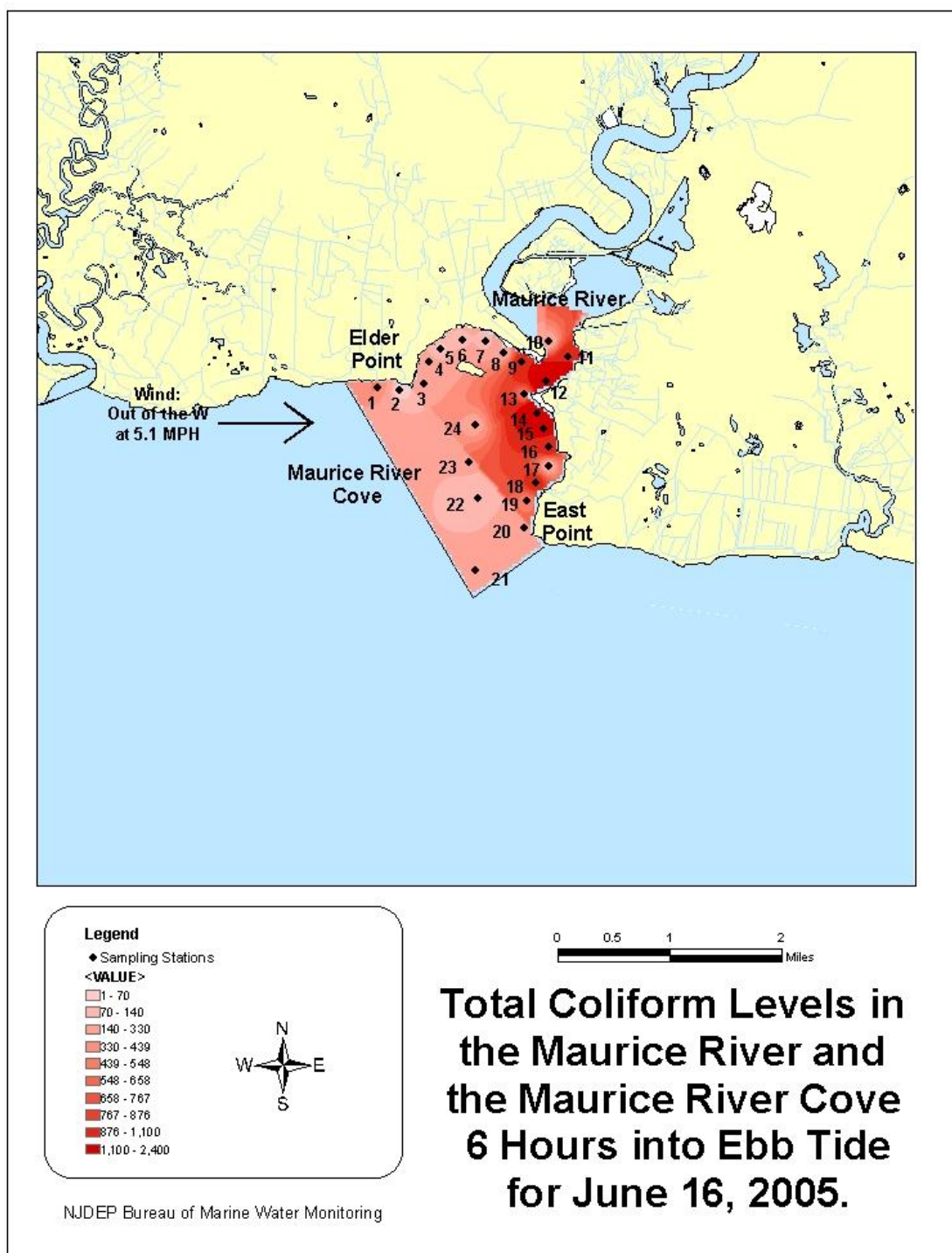


Figure 43: E. coli Levels in the Maurice River and the Maurice River Cove 6 Hours into Ebb Tide for June 16, 2005.





**Figure 44: Total Coliform Levels in the Maurice River and the Maurice River Cove 6 Hours into Ebb Tide for June 16, 2005.**

## Maurice River Data - June 16, 2005

**Table 25: 2 Hours into Ebb Tide on June 16, 2005**

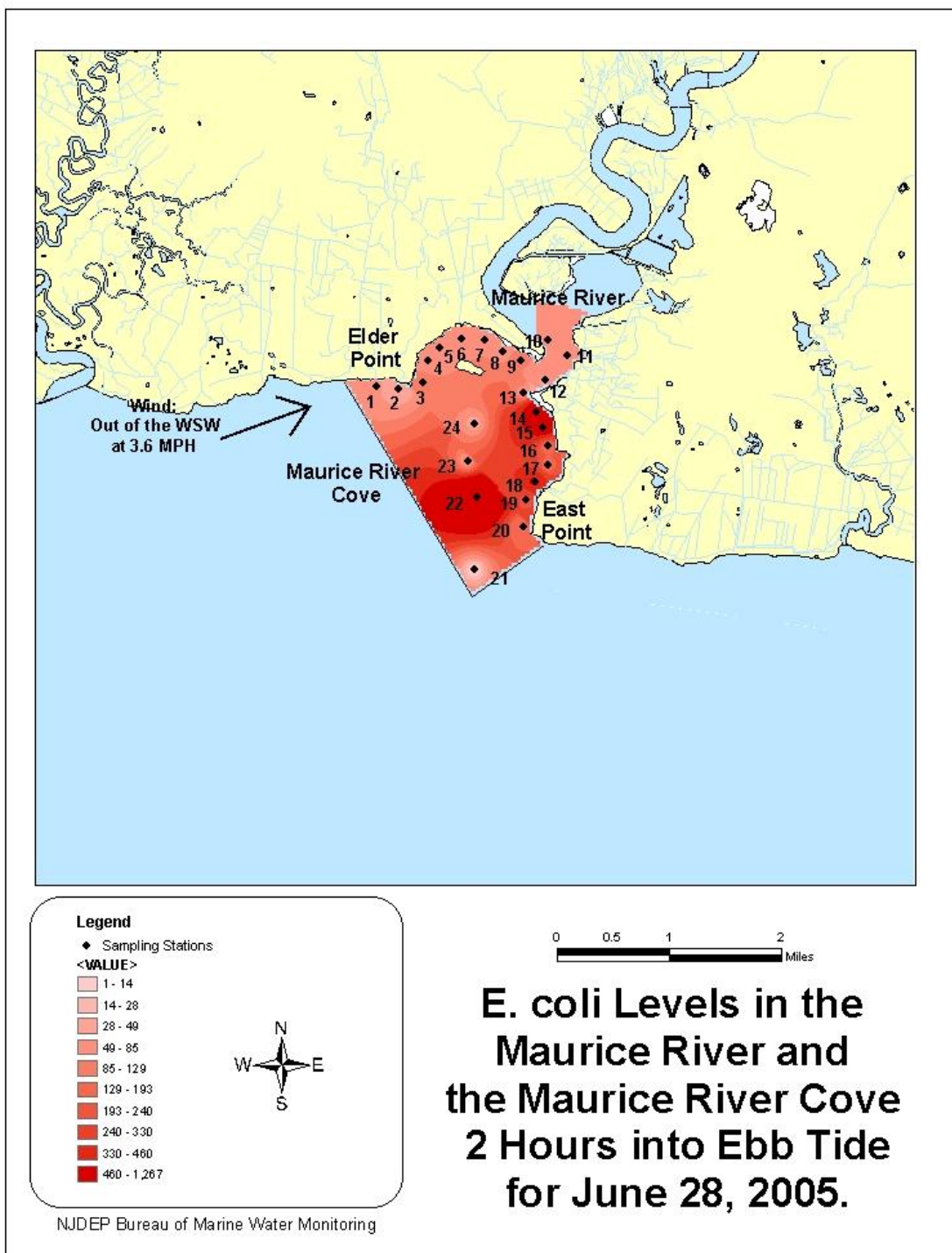
<b>Sampling Station</b>	<b>Location</b>	<b><i>E. coli</i> Levels</b>
1-1	S. of Elder Point	17
1-2	S. of Elder Point	13
1-3	E. of Elder Point	77
1-4	NE of Elder Point	37
1-5	W of Fowler Island	43
1-6	NW of Fowler Island	50
1-7	N of Fowler Island, S of Basket Flat	80
1-8	S of Basket Flat	63
1-9	SE of Basket Flat	87
1-10	NE of Basket Flat	117
1-11	E of Basket Flat	77
1-12	SE of Basket Flat	93
1-13	S of Basket Flat, E of Fowler Island	30
1-14	SE of Station 13	53
1-15	SE of Station 14	43
1-16	W of Andrews Ditch	60
1-17	NW of East Point	77
1-18	NW of East Point	343
1-19	W. of East Point	153
1-20	W. of East Point	173
1-21	Maurice River Cove, SW of East Point	17
1-22	In Maurice River Channel, NW of Station 21	<3
1-23	In Maurice River Channel, NW of Station 22	3
1-24	In Maurice River Channel, NW of Station 23	347

**Table 26: 4 Hours into Ebb Tide on June 16, 2005**

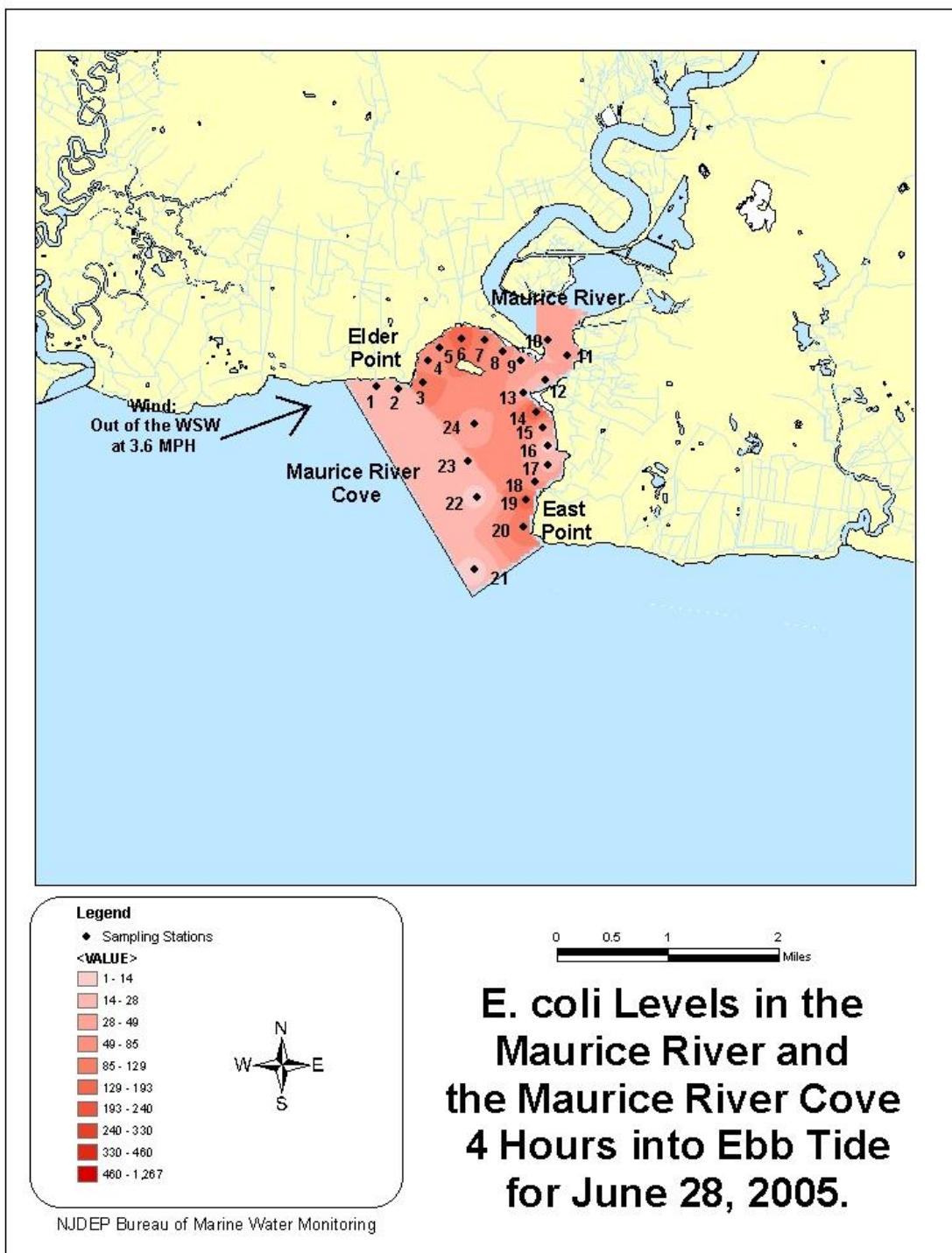
<b>Sampling Station</b>	<b>Location</b>	<b><i>E. coli</i> Levels</b>
2-1	S. of Elder Point	<3
2-2	S. of Elder Point	3
2-3	E. of Elder Point	23
2-4	NE of Elder Point	27
2-5	W of Fowler Island	17
2-6	NW of Fowler Island	37
2-7	N of Fowler Island, S of Basket Flat	50
2-8	S of Basket Flat	30
2-9	SE of Basket Flat	133
2-10	NE of Basket Flat	40
2-11	E of Basket Flat	53
2-12	SE of Basket Flat	100
2-13	S of Basket Flat, E of Fowler Island	23
2-14	SE of Station 13	93
2-15	SE of Station 14	80
2-16	W of Andrews Ditch	63
2-17	NW of East Point	47
2-18	NW of East Point	103
2-19	W. of East Point	100
2-20	W. of East Point	107
2-21	Maurice River Cove, SW of East Point	7
2-22	In Maurice River Channel, NW of Station 21	7
2-23	In Maurice River Channel, NW of Station 22	37
2-24	In Maurice River Channel, NW of Station 23	53

**Table 27: 6 Hours into Ebb Tide on June 16, 2005**

<b>Sampling Station</b>	<b>Location</b>	<b><u>E. coli</u> Levels</b>	<b>Total Coliform Level</b>
3-1	S. of Elder Point	27	460
3-2	S. of Elder Point	23	23
3-3	E. of Elder Point	137	240
3-4	NE of Elder Point	13	150
3-5	W of Fowler Island	3	39
3-6	NW of Fowler Island	20	93
3-7	N of Fowler Island, S of Basket Flat	30	43
3-8	S of Basket Flat	37	150
3-9	SE of Basket Flat	30	1,100
3-10	NE of Basket Flat	53	150
3-11	E of Basket Flat	33	1,100
3-12	SE of Basket Flat	80	>2,400
3-13	S of Basket Flat, E of Fowler Island	50	460
3-14	SE of Station 13	107	>2,400
3-15	SE of Station 14	33	1,100
3-16	W of Andrews Ditch	37	1,100
3-17	NW of East Point	17	93
3-18	NW of East Point	90	1,100
3-19	W. of East Point	77	460
3-20	W. of East Point	43	210
3-21	Maurice River Cove, SW of East Point	27	150
3-22	In Maurice River Channel, NW of Station 21	20	93
3-23	In Maurice River Channel, NW of Station 22	33	150
3-24	In Maurice River Channel, NW of Station 23	33	210



**Figure 45: E. coli Levels in the Maurice River and the Maurice River Cove 2 Hours into Ebb Tide for June 28, 2005.**



**Figure 46: E. coli Levels in the Maurice River and the Maurice River Cove 4 Hours into Ebb Tide for June 28, 2005.**



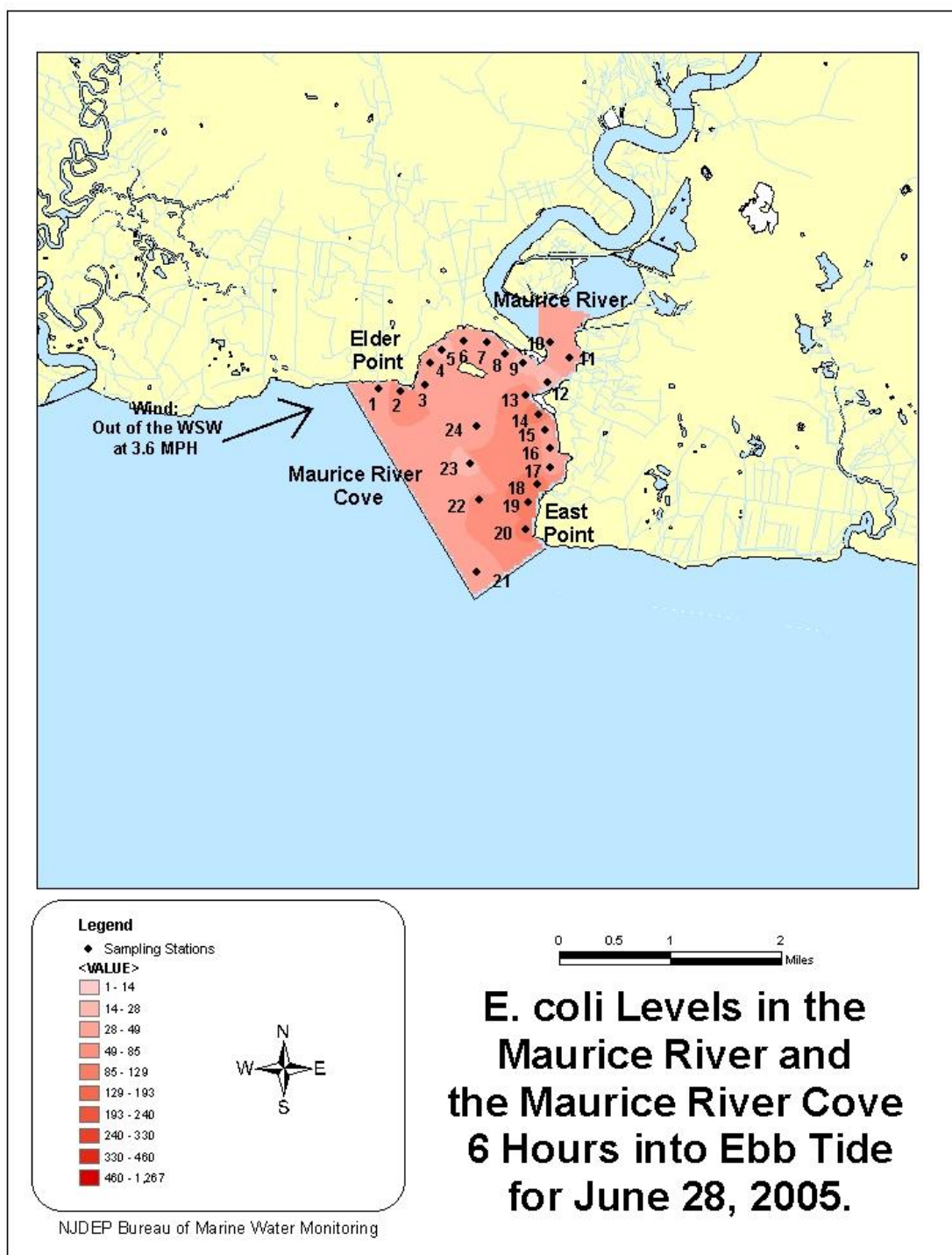
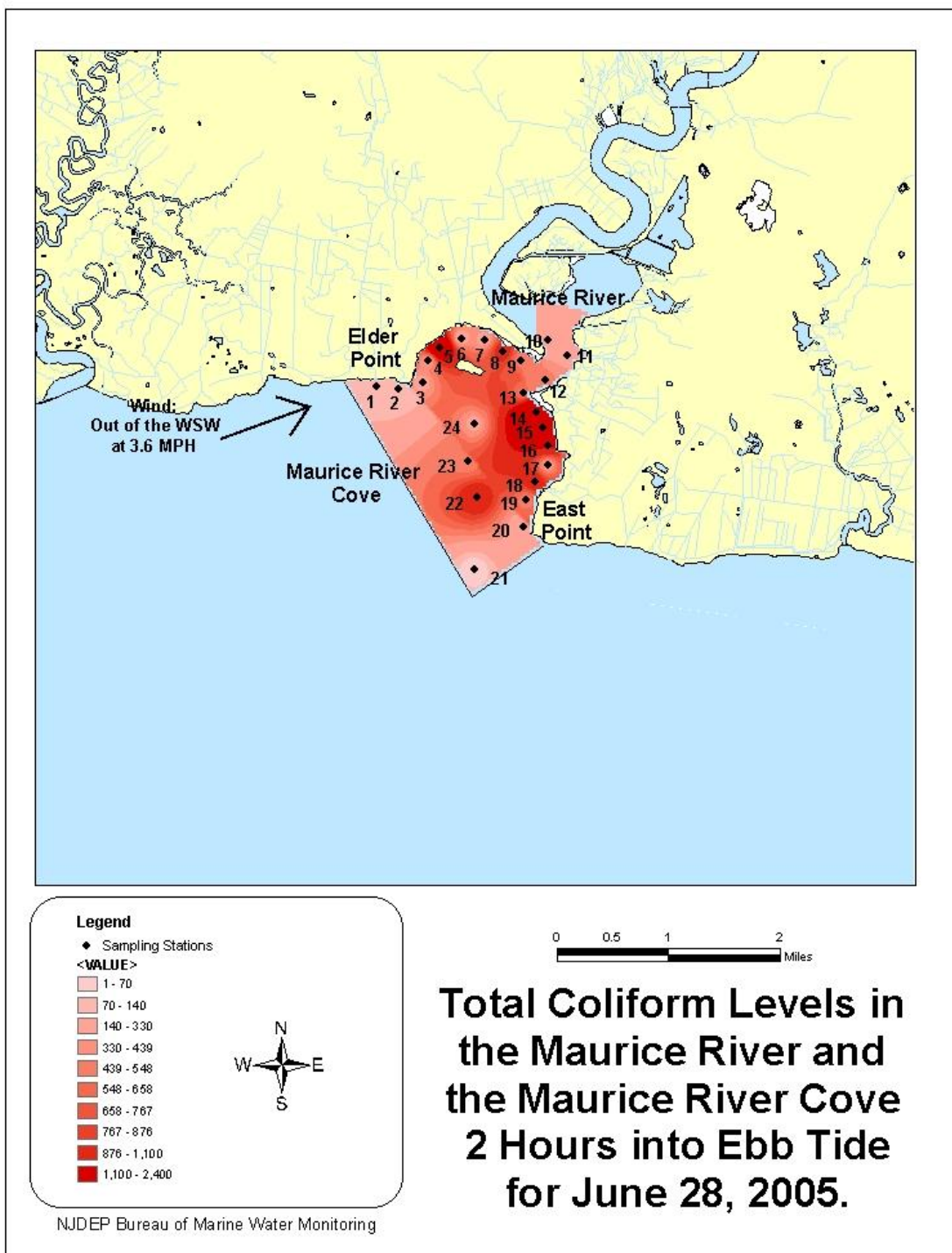
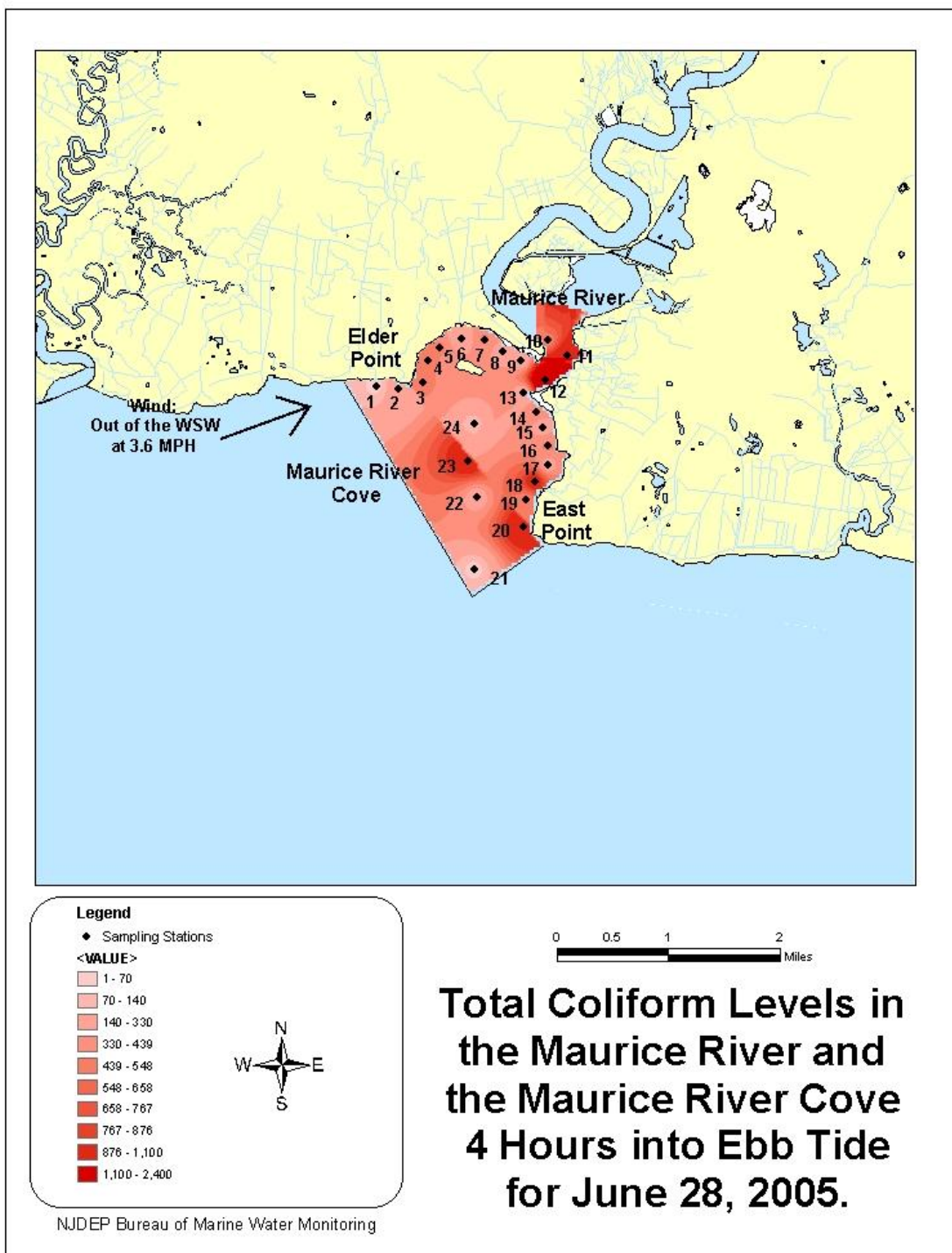


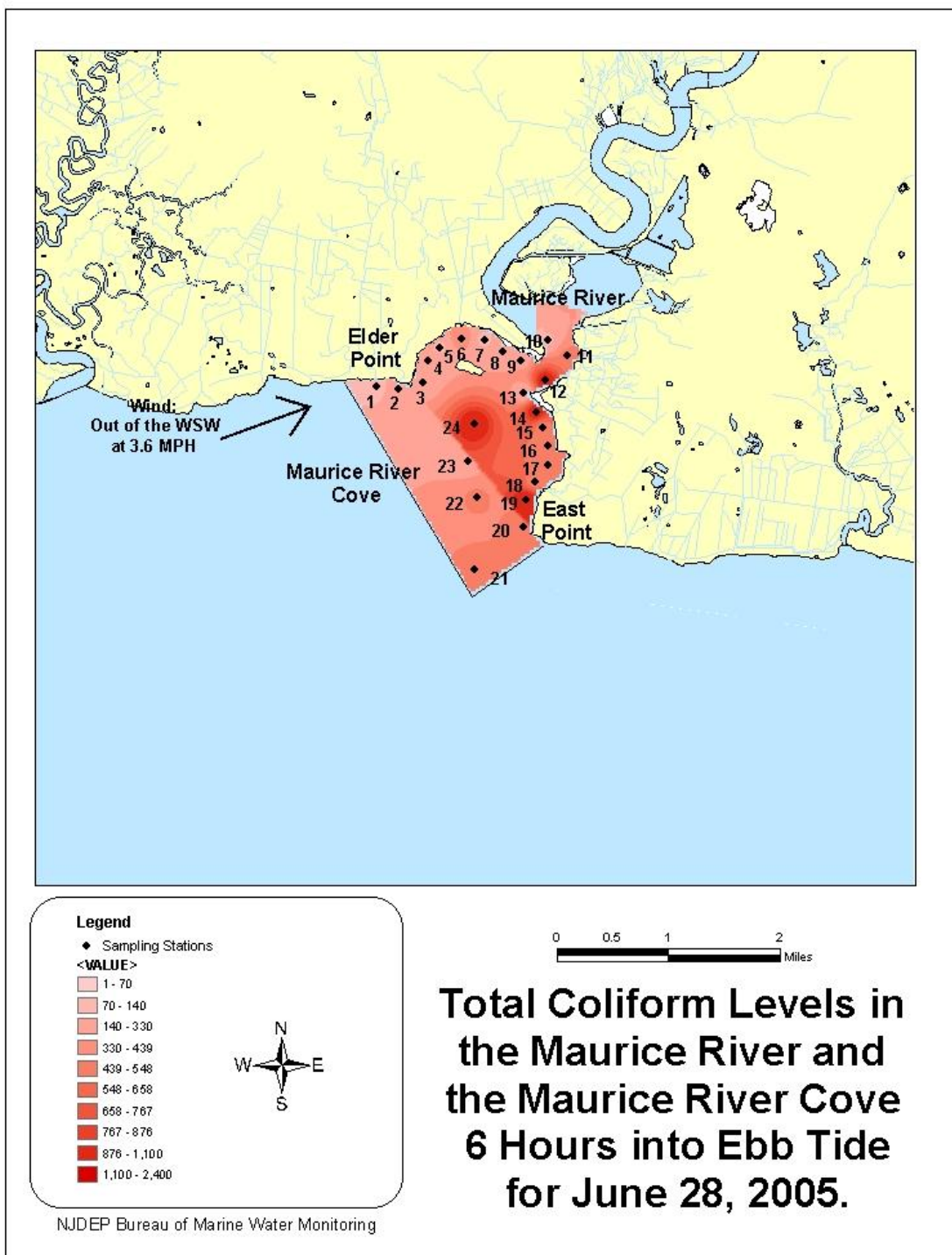
Figure 47: E. coli Levels in the Maurice River and the Maurice River Cove 6 Hours into Ebb Tide for June 28, 2005.



**Figure 48: Total Coliform Levels in the Maurice River and the Maurice River Cove 2 Hours into Ebb Tide for June 28, 2005.**



**Figure 49: Total Coliform Levels in the Maurice River and the Maurice River Cove 4 Hours into Ebb Tide for June 28, 2005.**



**Figure 50: Total Coliform Levels in the Maurice River and the Maurice River Cove 6 Hours into Ebb Tide for June 28, 2005.**

## Maurice River Data - June 28, 2005

**Table 28: 2 Hours into Ebb Tide on June 28, 2005**

Sampling Station	Location	<u>E. coli</u> Levels	Total Coliform Levels
1-1	S. of Elder Point	50	75
1-2	S. of Elder Point	27	75
1-3	E. of Elder Point	103	240
1-4	NE of Elder Point	60	240
1-5	W of Fowler Island	53	>2,400
1-6	NW of Fowler Island	47	150
1-7	N of Fowler Island, S of Basket Flat	77	210
1-8	S of Basket Flat	57	1,100
1-9	SE of Basket Flat	100	460
1-10	NE of Basket Flat	77	240
1-11	E of Basket Flat	60	240
1-12	SE of Basket Flat	47	460
1-13	S of Basket Flat, E of Fowler Island	37	460
1-14	SE of Station 13	760	>2,400
1-15	SE of Station 14	663	>2,400
1-16	W of Andrews Ditch	133	1,100
1-17	NW of East Point	150	240
1-18	NW of East Point	493	1,100
1-19	W. of East Point	217	460
1-20	W. of East Point	123	240
1-21	Maurice River Cove, SW of East Point	3	15
1-22	In Maurice River Channel, NW of Station 21	1,267	1,100
1-23	In Maurice River Channel, NW of Station 22	47	460
1-24	In Maurice River Channel, NW of Station 23	30	240

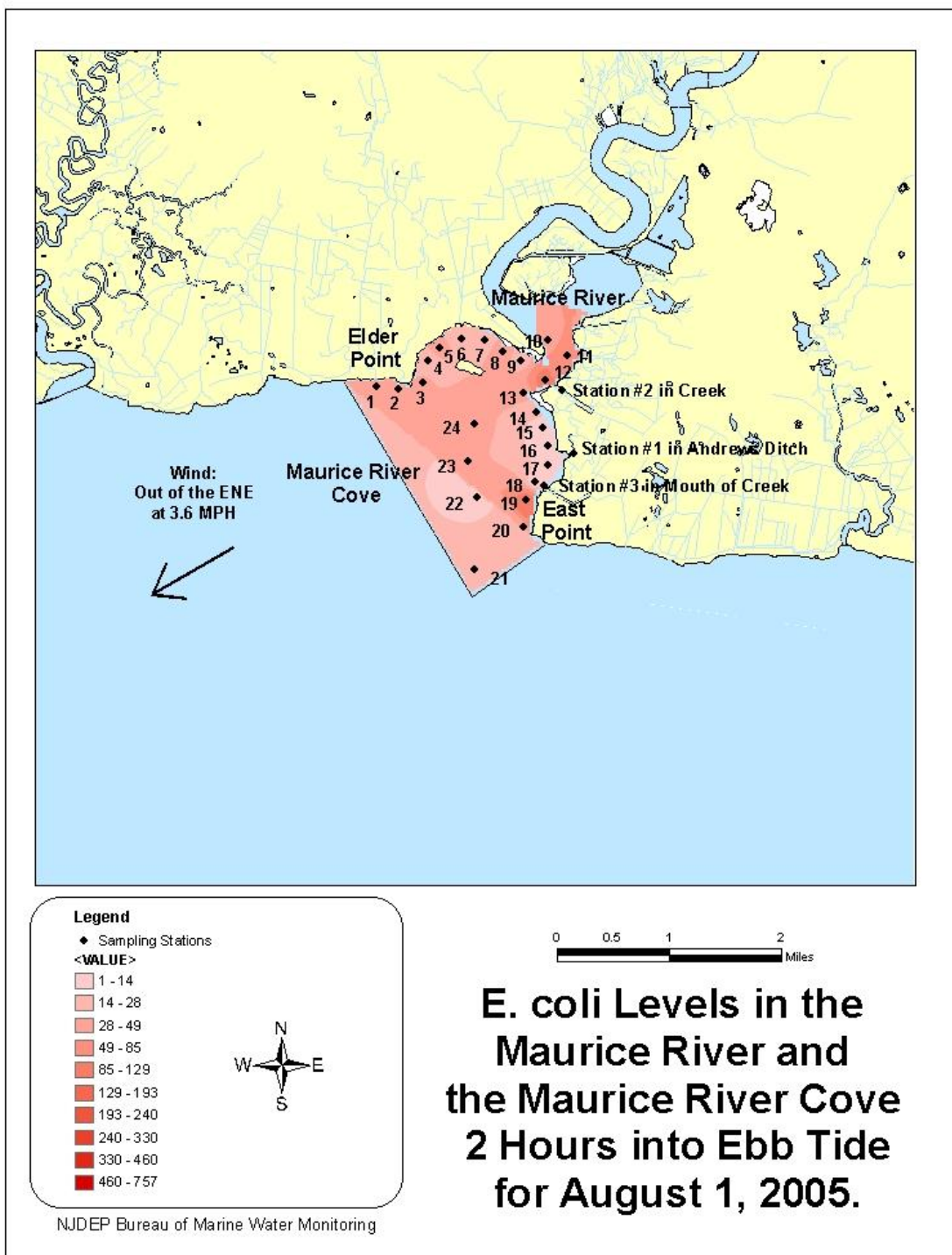
**Table 29: 4 Hours into Ebb Tide on June 28, 2005**

<b>Sampling Station</b>	<b>Location</b>	<b><u>E. coli</u> Levels</b>	<b>Total Coliform Levels</b>
2-1	S. of Elder Point	20	43
2-2	S. of Elder Point	17	240
2-3	E. of Elder Point	110	460
2-4	NE of Elder Point	50	460
2-5	W of Fowler Island	80	460
2-6	NW of Fowler Island	197	150
2-7	N of Fowler Island, S of Basket Flat	87	460
2-8	S of Basket Flat	63	240
2-9	SE of Basket Flat	23	93
2-10	NE of Basket Flat	30	460
2-11	E of Basket Flat	30	1,100
2-12	SE of Basket Flat	23	>2,400
2-13	S of Basket Flat, E of Fowler Island	17	150
2-14	SE of Station 13	210	460
2-15	SE of Station 14	23	240
2-16	W of Andrews Ditch	3	460
2-17	NW of East Point	17	240
2-18	NW of East Point	47	1,100
2-19	W. of East Point	147	460
2-20	W. of East Point	103	1,100
2-21	Maurice River Cove, SW of East Point	10	43
2-22	In Maurice River Channel, NW of Station 21	10	240
2-23	In Maurice River Channel, NW of Station 22	17	1,100
2-24	In Maurice River Channel, NW of Station 23	30	93

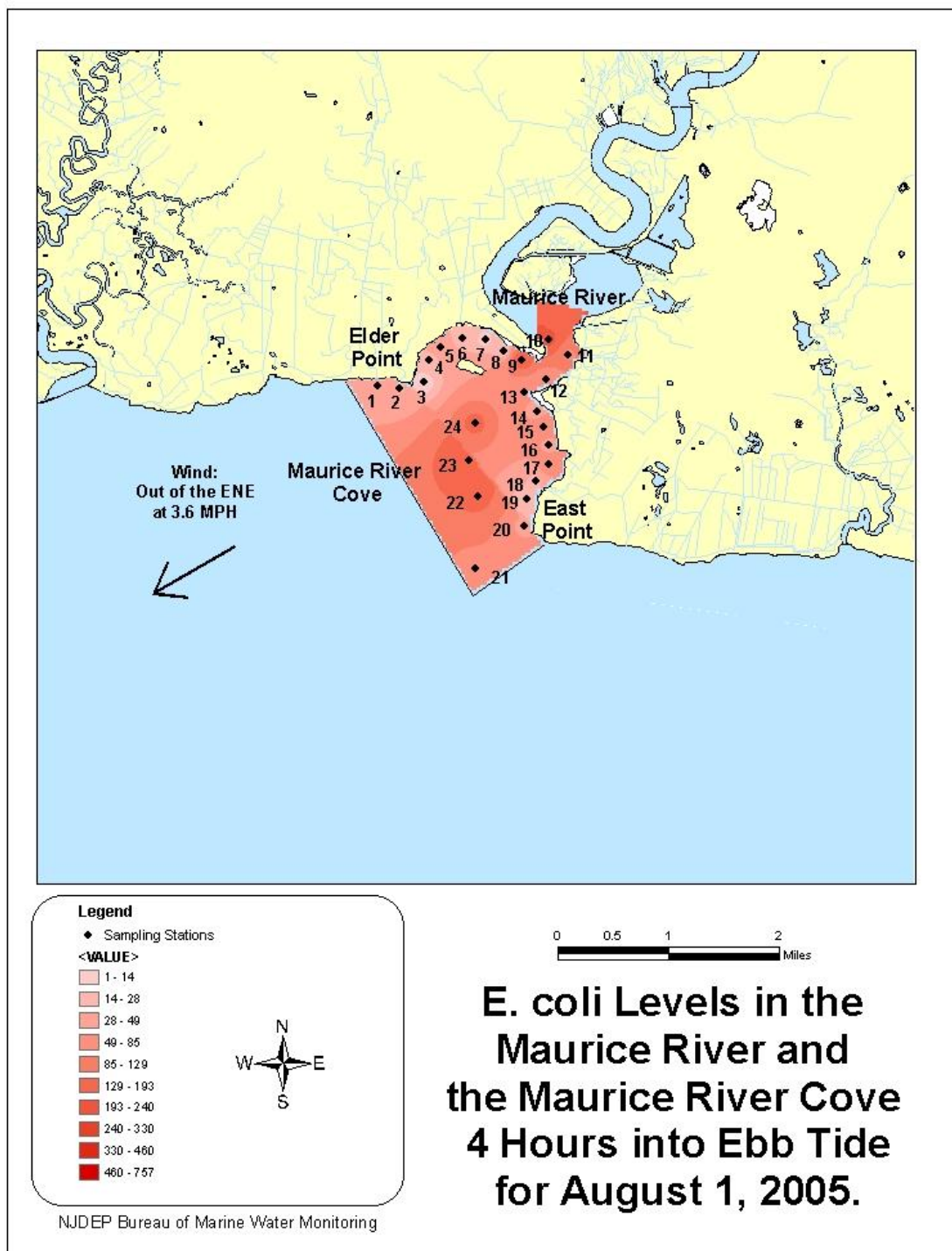


**Table 30: 6 Hours into Ebb Tide on June 28, 2005**

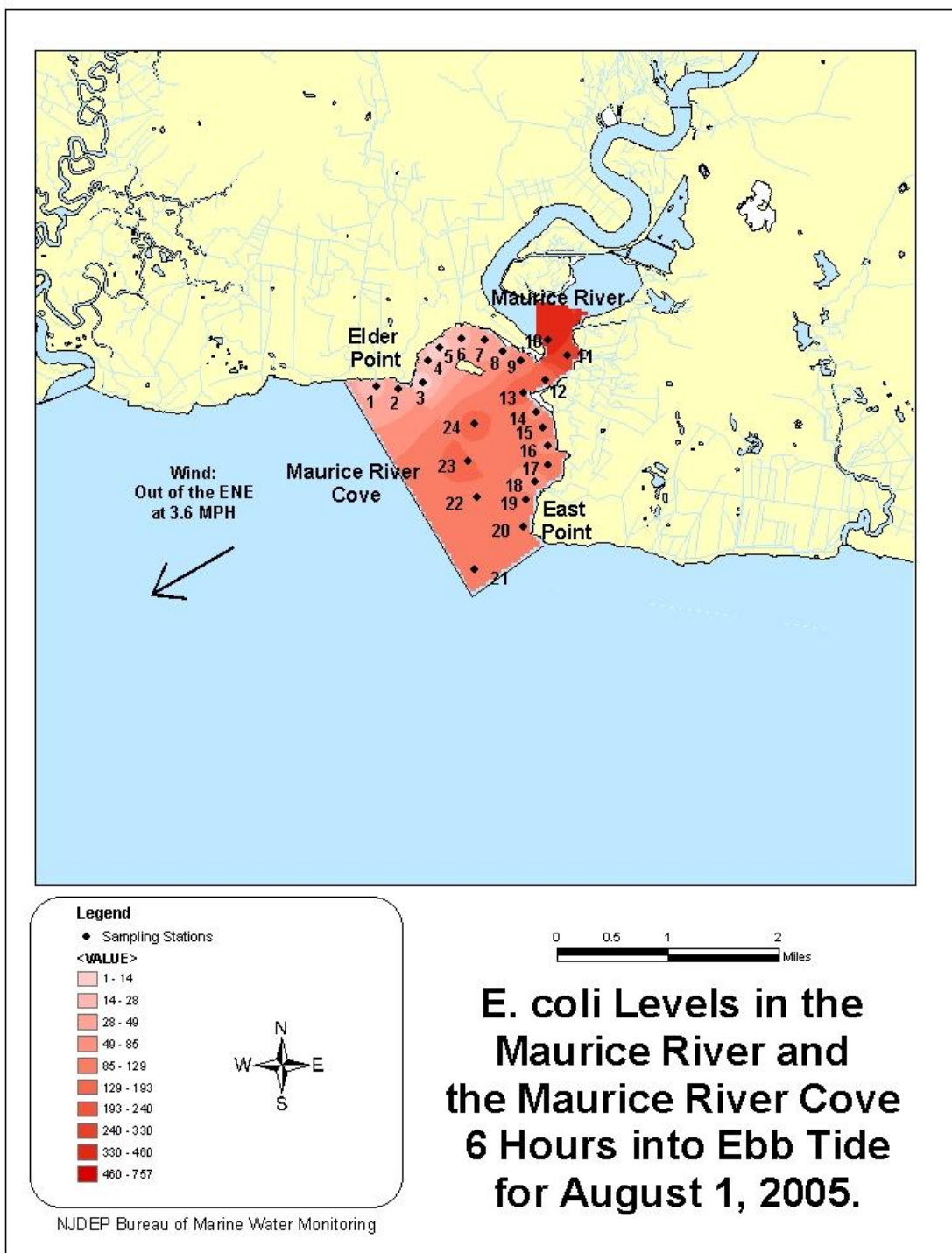
<b>Sampling Station</b>	<b>Location</b>	<b><i>E. coli</i> Levels</b>	<b>Total Coliform Level</b>
3-1	S. of Elder Point	33	93
3-2	S. of Elder Point	63	210
3-3	E. of Elder Point	50	240
3-4	NE of Elder Point	37	240
3-5	W of Fowler Island	20	93
3-6	NW of Fowler Island	33	460
3-7	N of Fowler Island, S of Basket Flat	27	75
3-8	S of Basket Flat	47	210
3-9	SE of Basket Flat	10	240
3-10	NE of Basket Flat	33	93
3-11	E of Basket Flat	37	460
3-12	SE of Basket Flat	20	1,100
3-13	S of Basket Flat, E of Fowler Island	60	93
3-14	SE of Station 13	133	1,100
3-15	SE of Station 14	37	460
3-16	W of Andrews Ditch	43	460
3-17	NW of East Point	33	460
3-18	NW of East Point	117	460
3-19	W. of East Point	100	1,100
3-20	W. of East Point	90	460
3-21	Maurice River Cove, SW of East Point	37	460
3-22	In Maurice River Channel, NW of Station 21	50	460
3-23	In Maurice River Channel, NW of Station 22	20	240
3-24	In Maurice River Channel, NW of Station 23	33	1,100



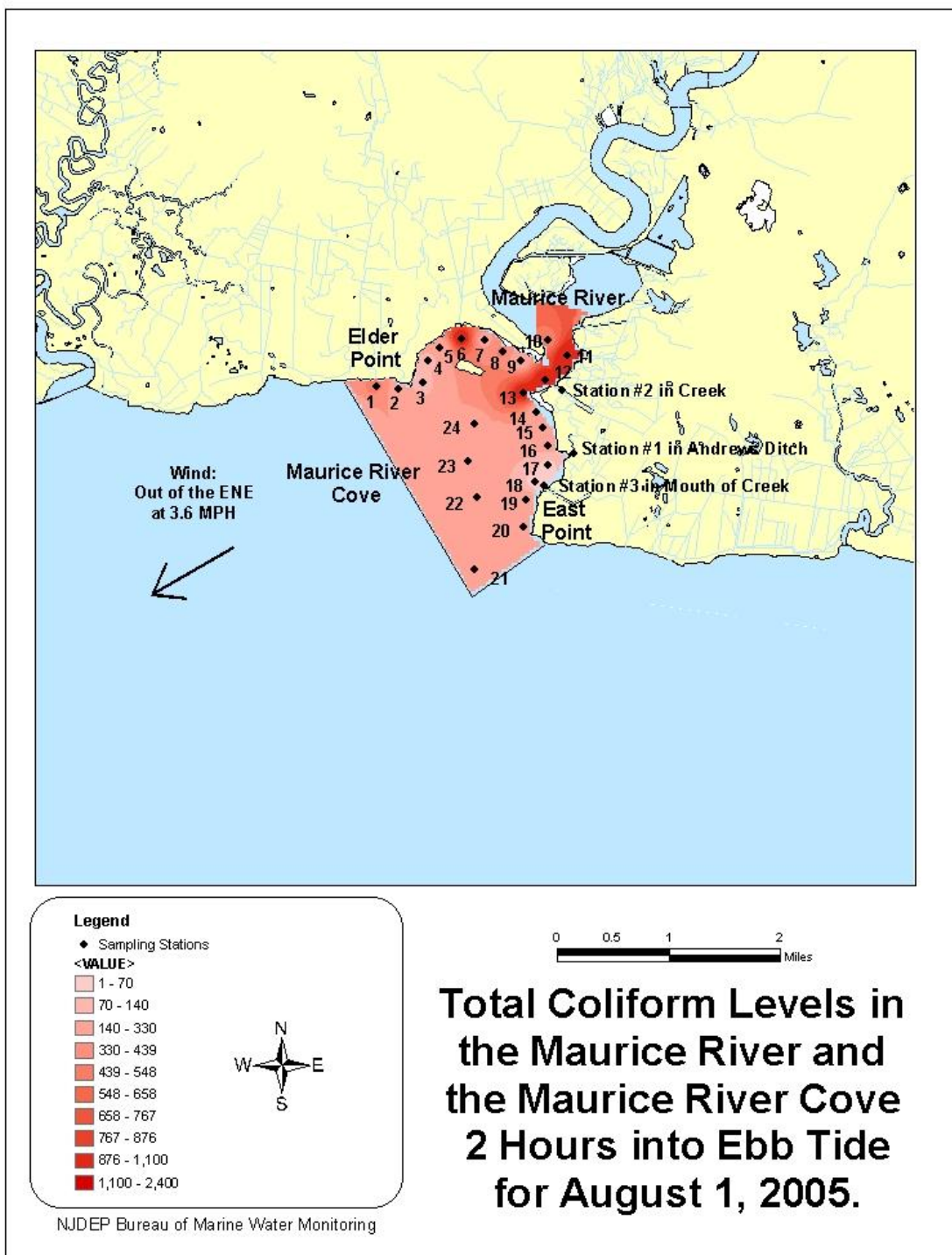
**Figure 51: E. coli Levels in the Maurice River and the Maurice River Cove 2 Hours into Ebb Tide for August 1, 2005.**



**Figure 52: E. coli Levels in the Maurice River and the Maurice River Cove 4 Hours into Ebb Tide for August 1, 2005.**

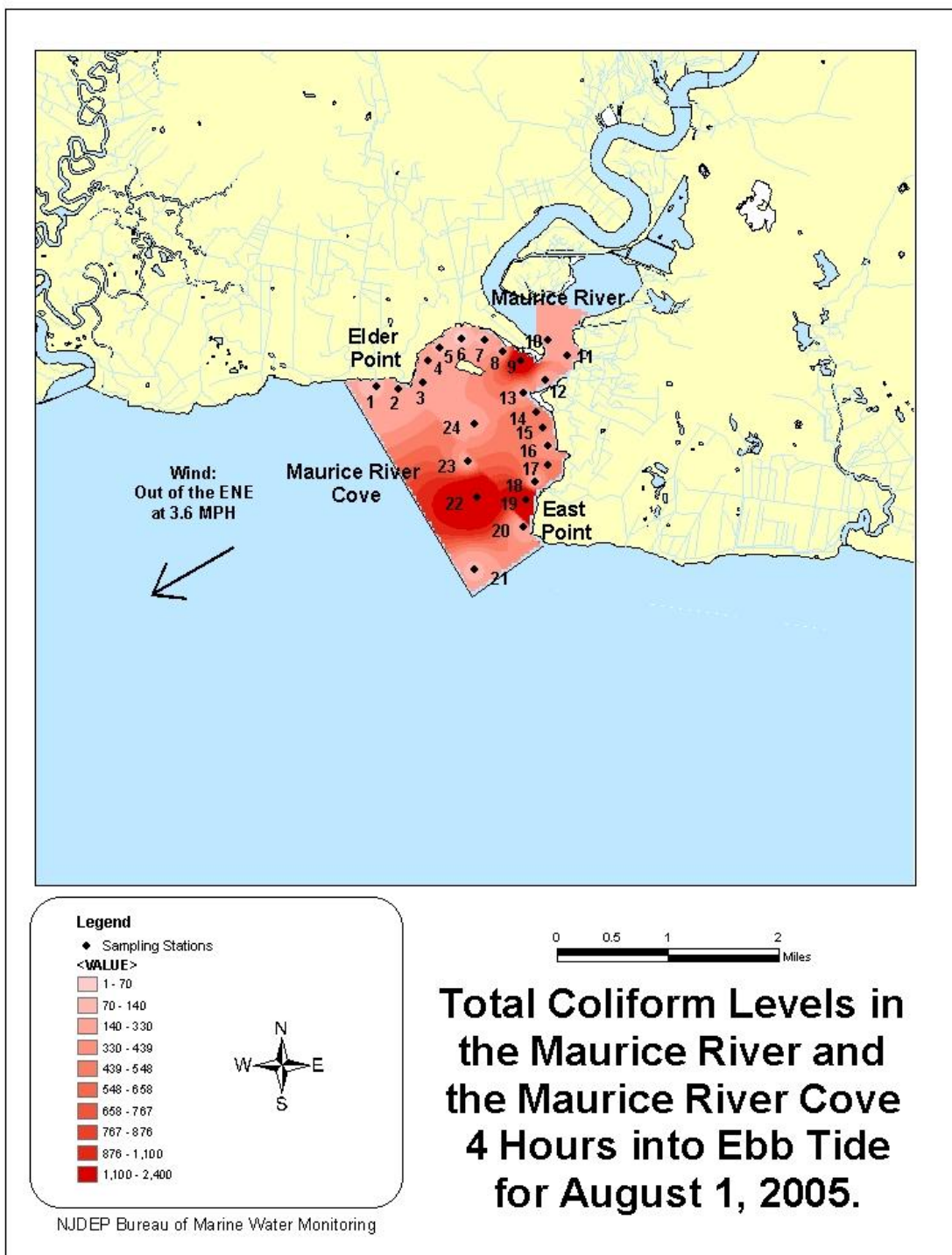


**Figure 53: E. coli Levels in the Maurice River and the Maurice River Cove 6 Hours into Ebb Tide for August 1, 2005.**



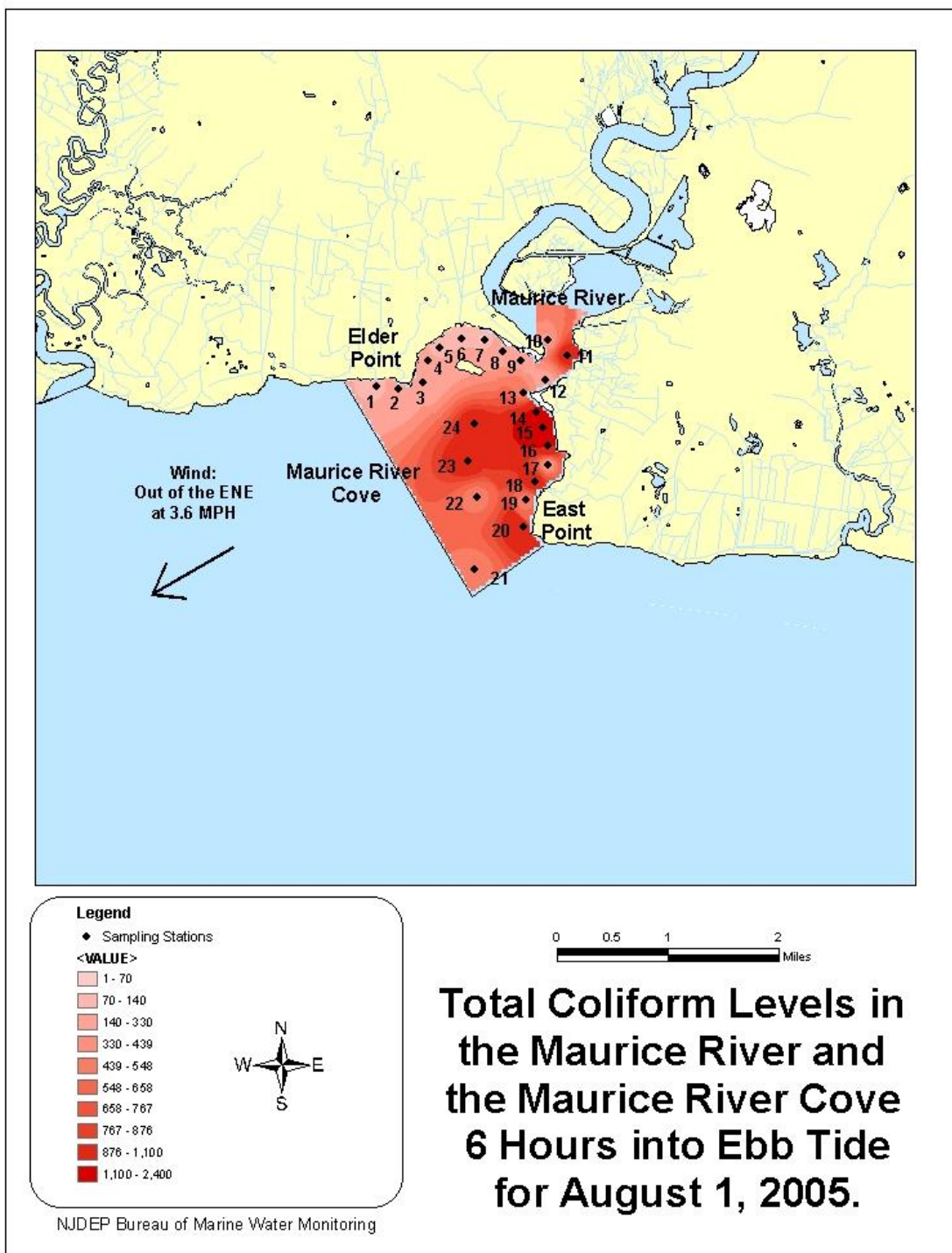
**Figure 54: Total Coliform Levels in the Maurice River and the Maurice River Cove 2 Hours into Ebb Tide for August 1, 2005.**





**Figure 55: Total Coliform Levels in the Maurice River and the Maurice River Cove 4 Hours into Ebb Tide for August 1, 2005.**





**Figure 56: Total Coliform Levels in the Maurice River and the Maurice River Cove 6 Hours into Ebb Tide for August 1, 2005.**

## Maurice River Data - August 1, 2005

**Table 31: 2 Hours into Ebb Tide on August 1, 2005**

Sampling Station	Location	<u>E. coli</u> Levels	Total Coliform Levels
1-1	S. of Elder Point	33	460
1-2	S. of Elder Point	30	240
1-3	E. of Elder Point	30	75
1-4	NE of Elder Point	17	75
1-5	W of Fowler Island	37	150
1-6	NW of Fowler Island	13	1,100
1-7	N of Fowler Island, S of Basket Flat	13	240
1-8	S of Basket Flat	43	460
1-9	SE of Basket Flat	10	93
1-10	NE of Basket Flat	30	460
1-11	E of Basket Flat	83	1,100
1-12	SE of Basket Flat	113	1,100
1-13	S of Basket Flat, E of Fowler Island	37	1,100
1-14	SE of Station 13	17	210
1-15	SE of Station 14	3	240
1-16	W of Andrews Ditch	<3	150
1-17	NW of East Point	7	39
1-18	NW of East Point	3	39
1-19	W. of East Point	123	240
1-20	W. of East Point	27	150
1-21	Maurice River Cove, SW of East Point	17	150
1-22	In Maurice River Channel, NW of Station 21	10	240
1-23	In Maurice River Channel, NW of Station 22	43	240
1-24	In Maurice River Channel, NW of Station 23	37	240
#1	In Andrew's Ditch	43	75
#2	In Mouth of Creek SE of Station 12	97	460
#3	In Mouth of Creek SE of Station 18	10	11

**Table 32: 4 Hours into Ebb Tide on August 1, 2005**

<b>Sampling Station</b>	<b>Location</b>	<b><u>E. coli</u> Levels</b>	<b>Total Coliform Levels</b>
2-1	S. of Elder Point	37	93
2-2	S. of Elder Point	27	240
2-3	E. of Elder Point	3	210
2-4	NE of Elder Point	23	240
2-5	W of Fowler Island	40	93
2-6	NW of Fowler Island	20	23
2-7	N of Fowler Island, S of Basket Flat	7	93
2-8	S of Basket Flat	7	240
2-9	SE of Basket Flat	193	>2,400
2-10	NE of Basket Flat	213	240
2-11	E of Basket Flat	80	240
2-12	SE of Basket Flat	50	150
2-13	S of Basket Flat, E of Fowler Island	53	240
2-14	SE of Station 13	33	460
2-15	SE of Station 14	73	460
2-16	W of Andrews Ditch	43	290
2-17	NW of East Point	67	460
2-18	NW of East Point	23	93
2-19	W. of East Point	17	>2,400
2-20	W. of East Point	43	240
2-21	Maurice River Cove, SW of East Point	77	93
2-22	In Maurice River Channel, NW of Station 21	140	>2,400
2-23	In Maurice River Channel, NW of Station 22	170	240
2-24	In Maurice River Channel, NW of Station 23	147	240

**Table 33: 6 Hours into Ebb Tide on August 1, 2005**

<b>Sampling Station</b>	<b>Location</b>	<b><i>E. coli</i> Levels</b>	<b>Total Coliform Level</b>
3-1	S. of Elder Point	20	75
3-2	S. of Elder Point	43	240
3-3	E. of Elder Point	7	150
3-4	NE of Elder Point	13	150
3-5	W of Fowler Island	3	93
3-6	NW of Fowler Island	20	93
3-7	N of Fowler Island, S of Basket Flat	33	43
3-8	S of Basket Flat	30	240
3-9	SE of Basket Flat	87	240
3-10	NE of Basket Flat	417	290
3-11	E of Basket Flat	303	1,100
3-12	SE of Basket Flat	170	240
3-13	S of Basket Flat, E of Fowler Island	180	460
3-14	SE of Station 13	63	1,100
3-15	SE of Station 14	120	>2,400
3-16	W of Andrews Ditch	67	1,100
3-17	NW of East Point	117	240
3-18	NW of East Point	57	1,100
3-19	W. of East Point	93	460
3-20	W. of East Point	97	1,100
3-21	Maurice River Cove, SW of East Point	110	460
3-22	In Maurice River Channel, NW of Station 21	120	460
3-23	In Maurice River Channel, NW of Station 22	150	1,100
3-24	In Maurice River Channel, NW of Station 23	157	1,100

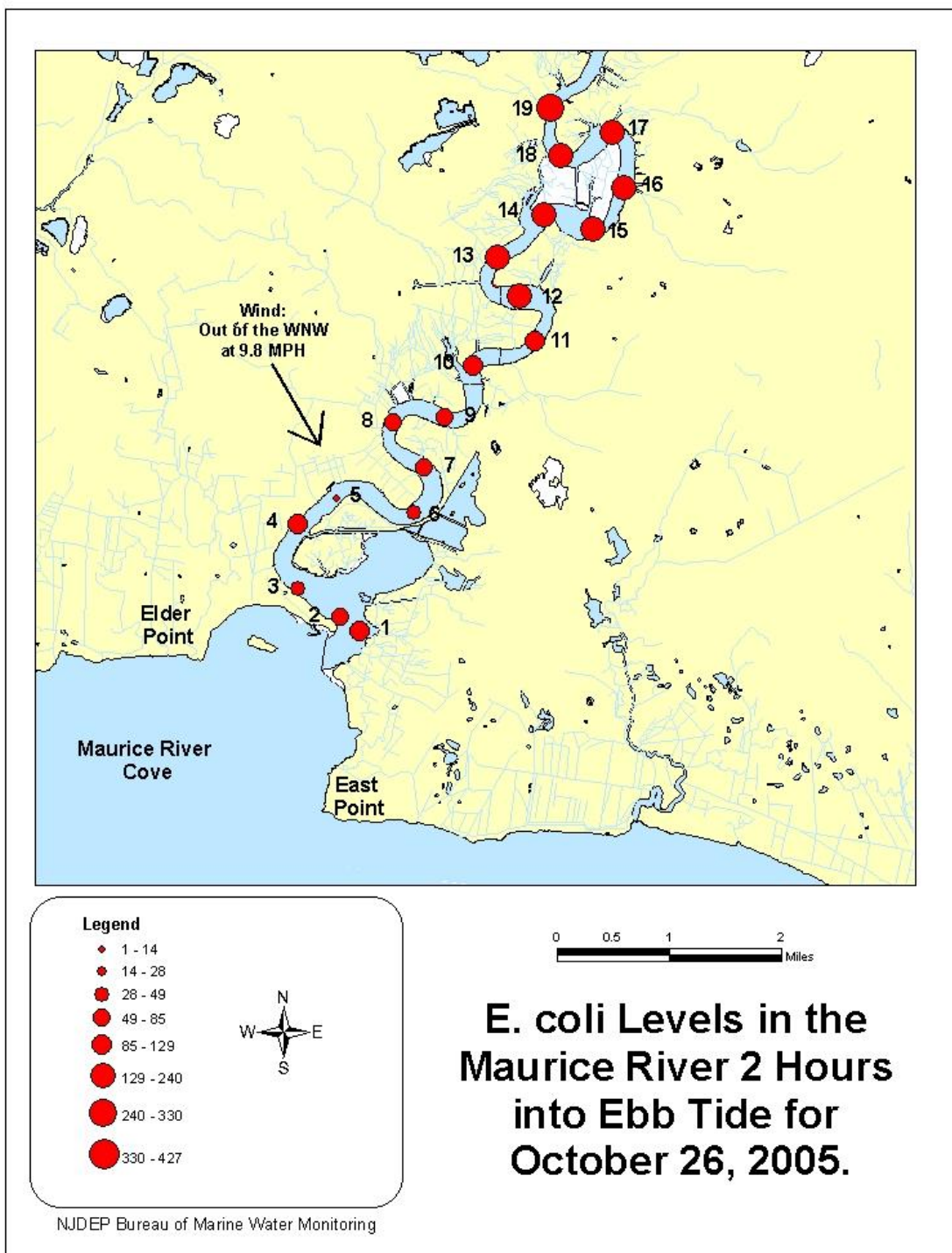


Figure 57: E. coli Levels in the Maurice River 2 Hours into Ebb Tide for October 26, 2005.

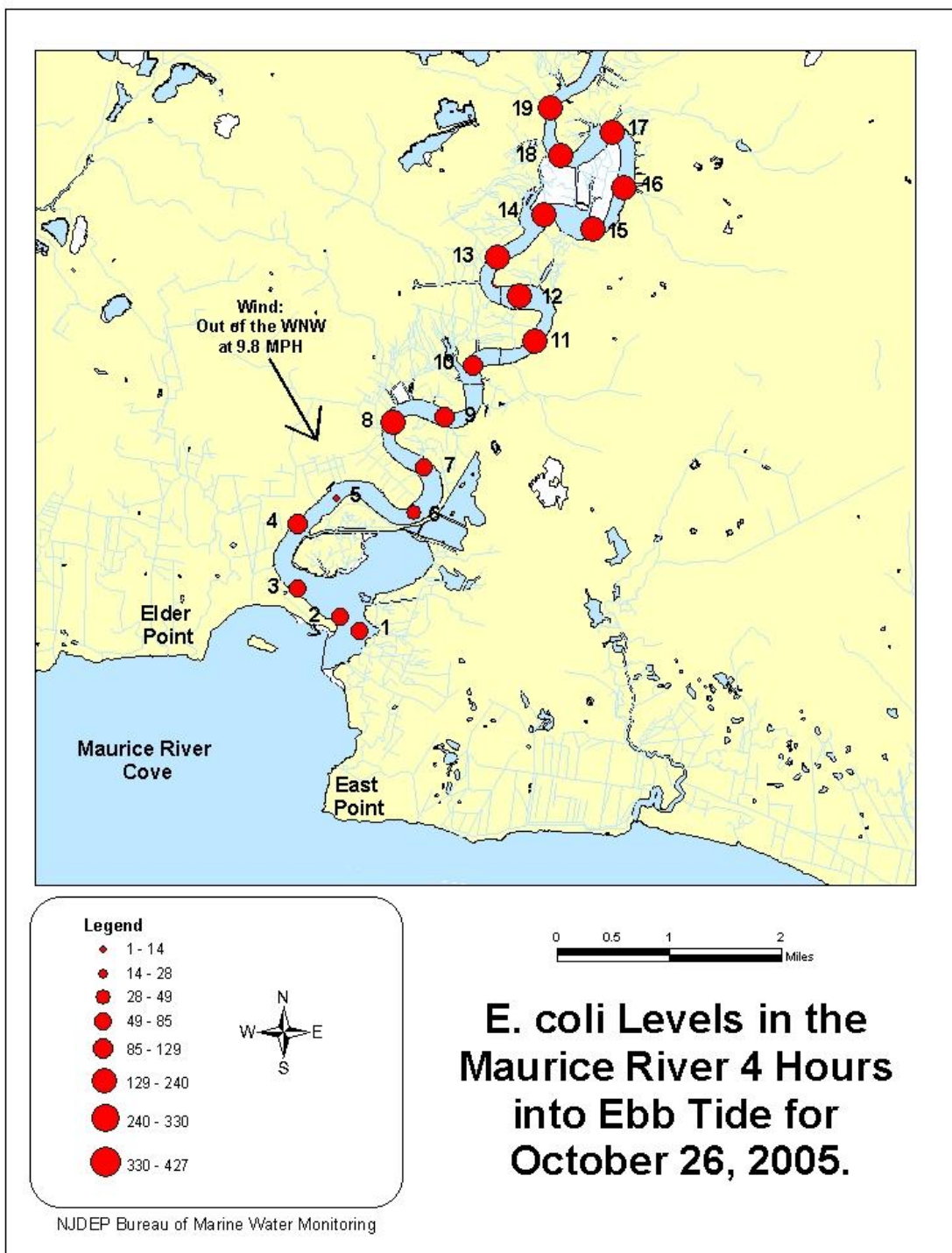


Figure 58: E. coli Levels in the Maurice River 4 Hours into Ebb Tide for October 26, 2005.



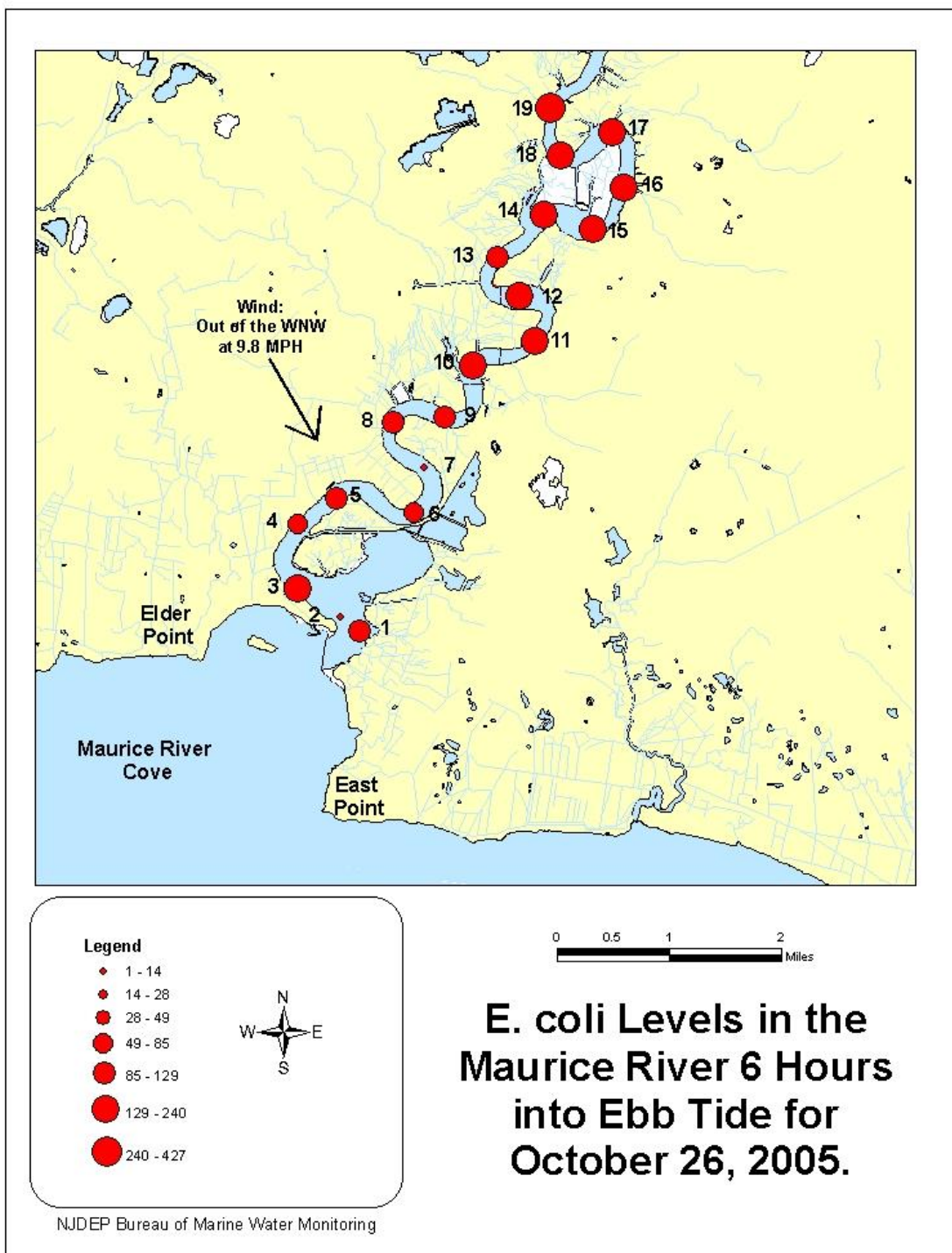


Figure 59: E. coli Levels in the Maurice River 6 Hours into Ebb Tide for October 26, 2005.

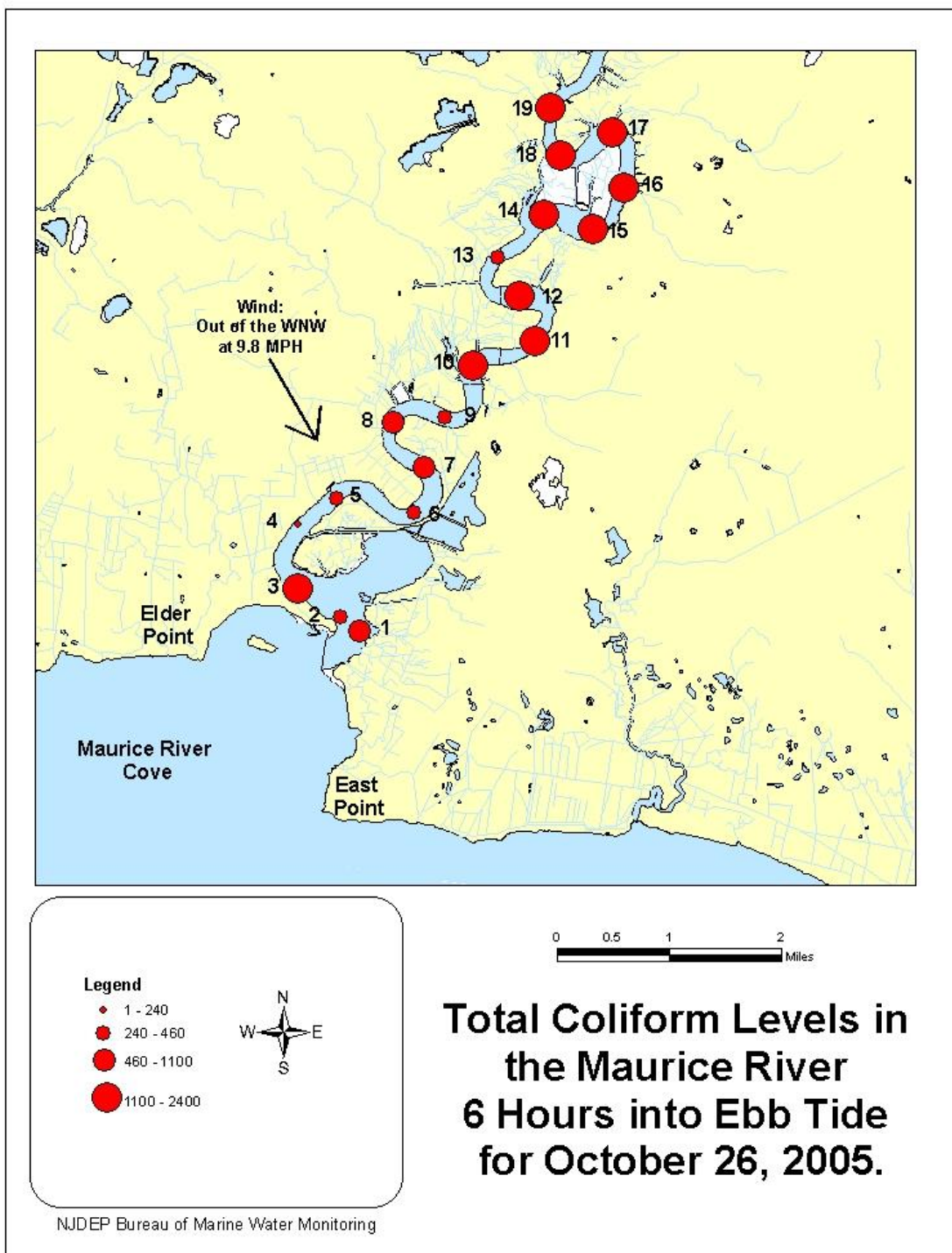


Figure 60: Total Coliform Levels in the Maurice River 6 Hours into Ebb Tide for October 26, 2005.

## Maurice River Data - October 26, 2005

**Table 34: 2 Hours into Ebb Tide on October 26, 2005**

<b>Sampling Station</b>	<b>Location</b>	<b><i>E. coli</i> Levels</b>
1-1	East of Basket Flat	90
1-2	Northeast of Basket Flat	50
1-3	Southeast of Bivalve	30
1-4	East of Bivalve	90
1-5	Southwest of Shellpile	20
1-6	Northwest of Matt's Landing	30
1-7	Northeast of Station #6	80
1-8	East of Port Norris	80
1-9	Northeast of Port Norris	60
1-10	Northeast of Station #9	90
1-11	West of Leesburg	110
1-12	Northwest of Leesburg	140
1-13	Northwest of Station #12	180
1-14	West of Station # 15	190
1-15	Southwest of Dorchester	220
1-16	West of Dorchester	210
1-17	Northwest of Dorchester	190
1-18	Southwest of Station #17	170
1-19	At the Mauricetown Bridge	260

**Table 35: 4 Hours into Ebb Tide on October 26, 2005**

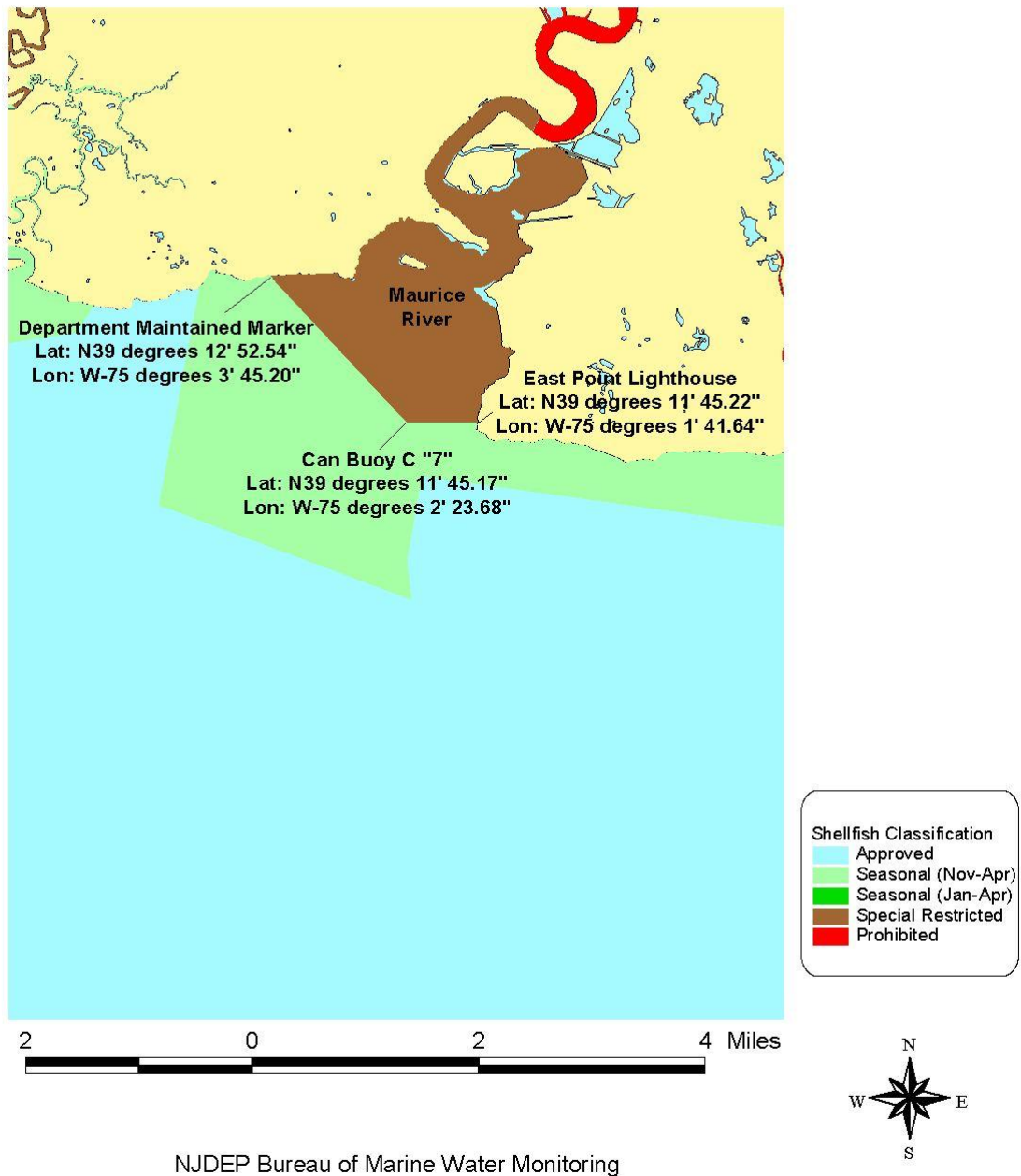
<b>Sampling Station</b>	<b>Location</b>	<b><i>E. coli</i> Levels</b>
2-1	East of Basket Flat	50
2-2	Northeast of Basket Flat	60
2-3	Southeast of Bivalve	70
2-4	East of Bivalve	90
2-5	Southwest of Shellpile	10
2-6	Northwest of Matt's Landing	40
2-7	Northeast of Station #6	50
2-8	East of Port Norris	150
2-9	Northeast of Port Norris	90
2-10	Northeast of Station #9	100
2-11	West of Leesburg	140
2-12	Northwest of Leesburg	170
2-13	Northwest of Station #12	230
2-14	West of Station # 15	130
2-15	Southwest of Dorchester	200
2-16	West of Dorchester	220
2-17	Northwest of Dorchester	190
2-18	Southwest of Station #17	190
2-19	At the Mauricetown Bridge	190

**Table 36: 6 Hours into Ebb Tide on October 26, 2005**

<b>Sampling Station</b>	<b>Location</b>	<b><u>E. coli</u> Levels</b>	<b>Total Coliform Level</b>
3-1	East of Basket Flat	110	1,100
3-2	Northeast of Basket Flat	60	460
3-3	Southeast of Bivalve	170	>2,400
3-4	East of Bivalve	70	240
3-5	Southwest of Shellpile	90	460
3-6	Northwest of Matt's Landing	80	460
3-7	Northeast of Station #6	60	1,100
3-8	East of Port Norris	110	1,100
3-9	Northeast of Port Norris	120	460
3-10	Northeast of Station #9	190	>2,400
3-11	West of Leesburg	230	>2,400
3-12	Northwest of Leesburg	210	>2,400
3-13	Northwest of Station #12	120	460
3-14	West of Station # 15	190	>2,400
3-15	Southwest of Dorchester	200	>2,400
3-16	West of Dorchester	220	>2,400
3-17	Northwest of Dorchester	220	>2,400
3-18	Southwest of Station #17	190	>2,400
3-19	At the Mauricetown Bridge	290	>2,400

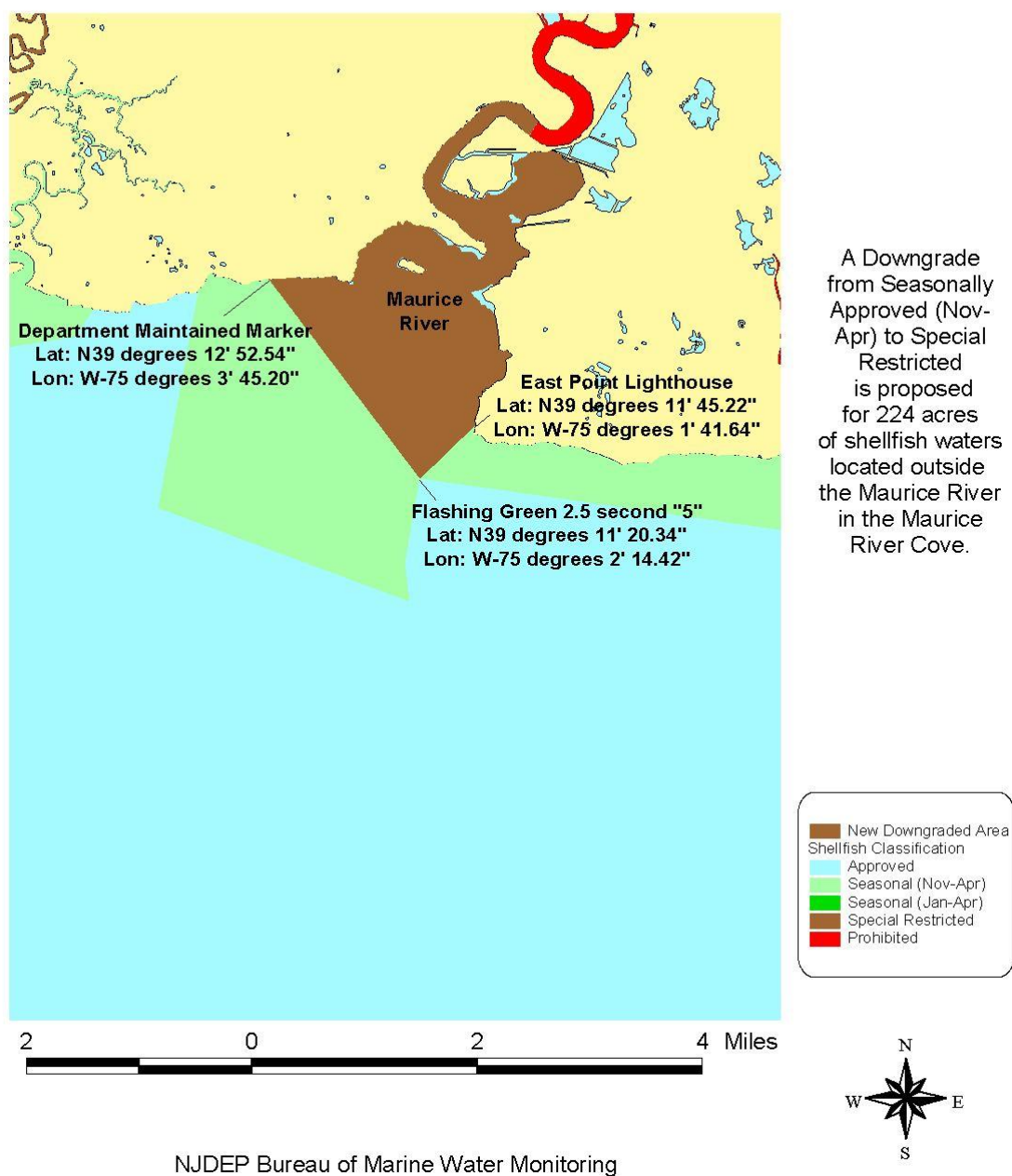
*Delaware Bay Shellfish Council Meeting on April 5, 2005*

**Current Classification of  
Area DB1: The Delaware Bay -  
Maurice River Cove to Artificial Island.**



**Figure 61: Shellfish Classification and Latitude and Longitude Coordinates for the Special Restricted Line in the Maurice River and the Maurice River Cove for April 2005.**

## Proposed Classification Change in Area DB1: The Delaware Bay - Maurice River Cove to Artificial Island.



A Downgrade from Seasonally Approved (Nov-Apr) to Special Restricted is proposed for 224 acres of shellfish waters located outside the Maurice River in the Maurice River Cove.

**Figure 62: Proposed Shellfish Classification Change and Latitude and Longitude Coordinates for the Special Restricted Line in the Maurice River and the Maurice River Cove.**



# Stations for Shoreline Collection of Water Samples in the Maurice River and Maurice River Cove.

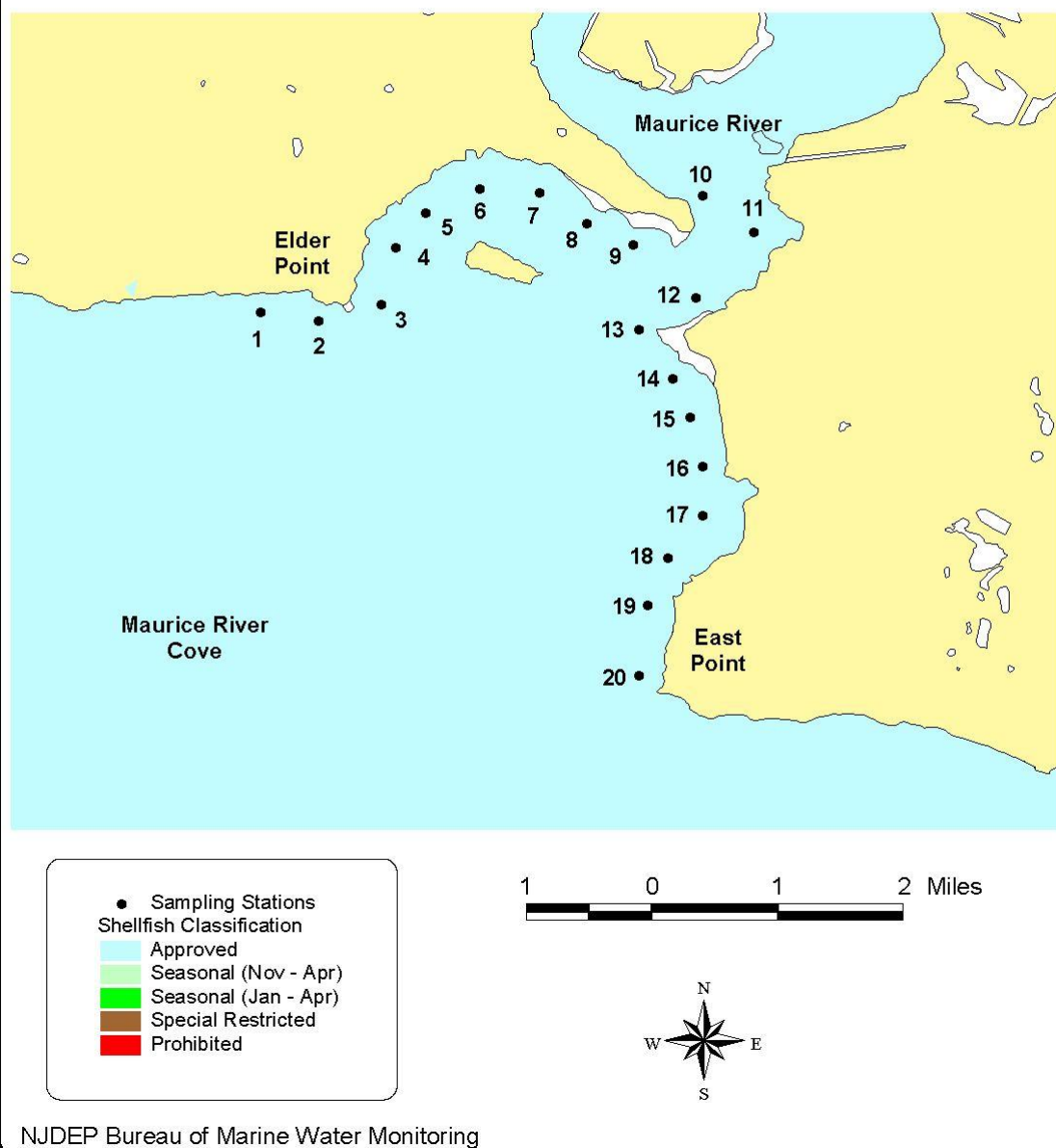
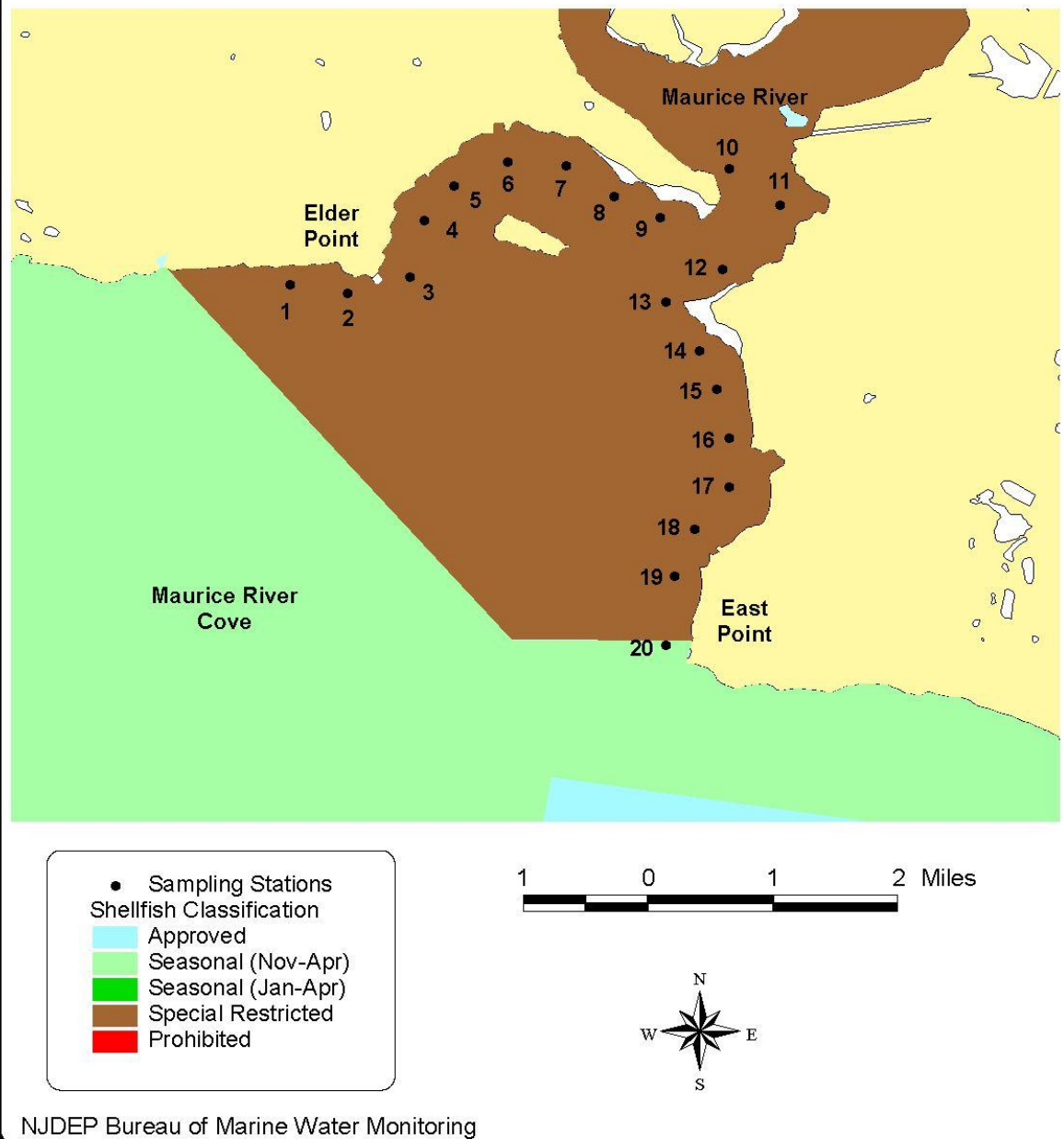


Figure 63: Stations for the Shoreline Collection of Water Samples in the Maurice River and the Maurice River Cove for April 2005.

**Stations for Shoreline Collection  
of Water Samples in the Maurice River  
and Maurice River Cove for September 2004  
and April 2005.**



**Figure 64: Stations for the Shoreline Collection of Water Samples in the Maurice River and the Maurice River Cove for September 2004 and April 2005.**

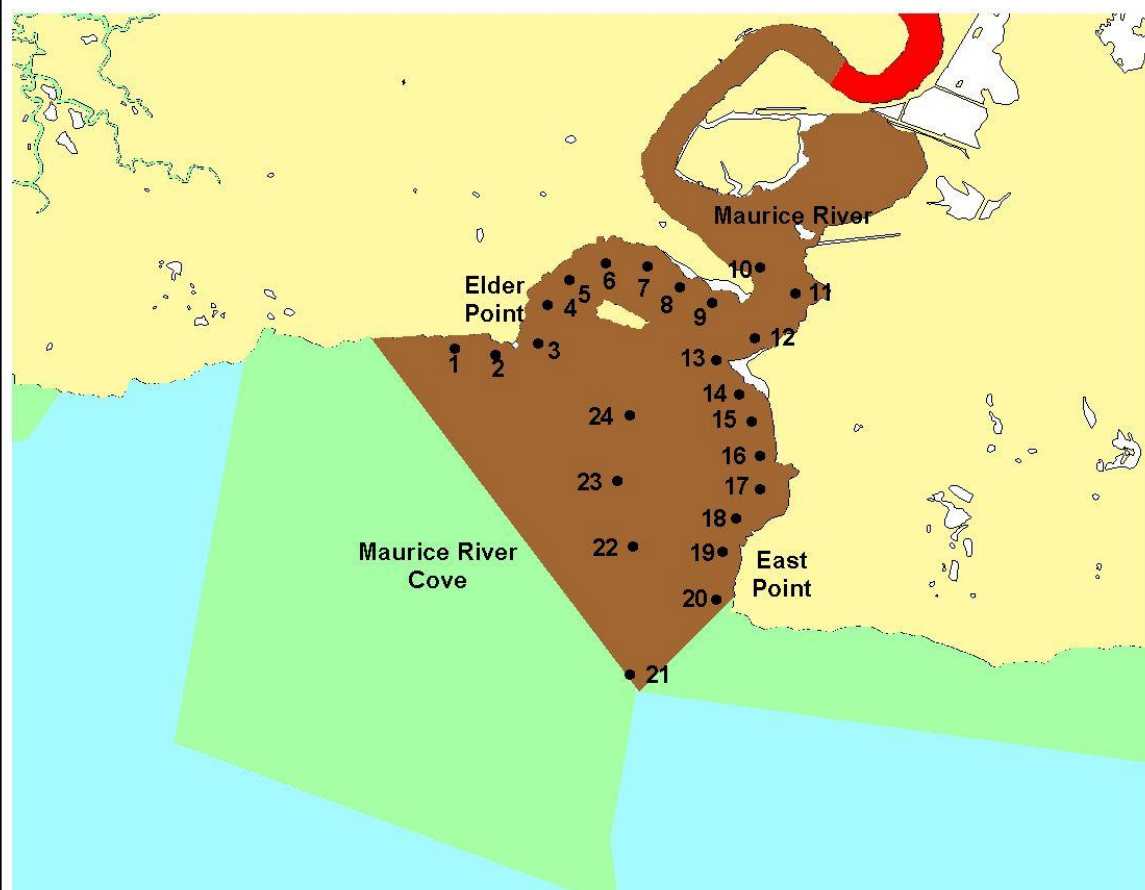
# **Stations for Shoreline Collection of Water Samples in the Maurice River and Maurice River Cove for May 2005.**



NJDEP Bureau of Marine Water Monitoring

**Figure 65: Stations for the Shoreline Collection of Water Samples in the Maurice River and the Maurice River Cove for May 2005.**

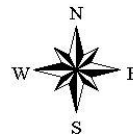
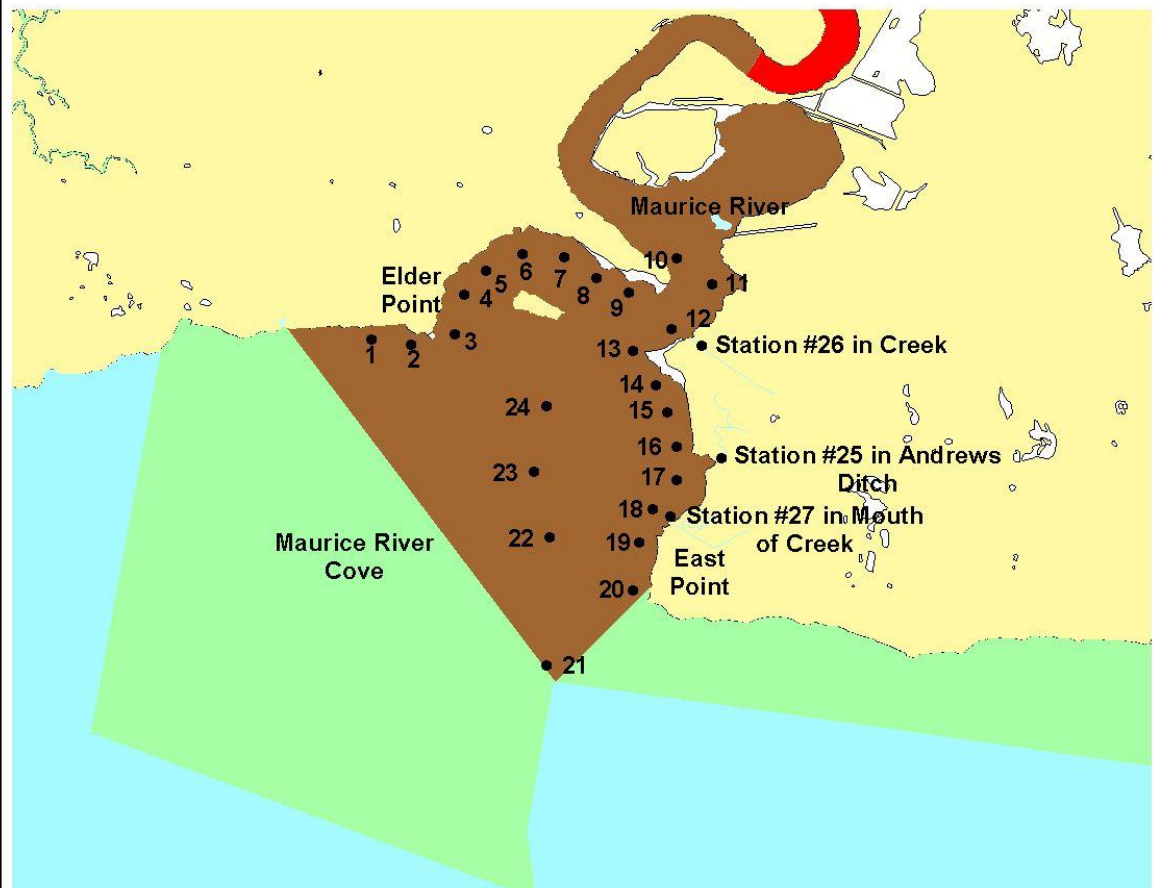
# **Stations for Shoreline Collection of Water Samples in the Maurice River and Maurice River Cove for June 2005.**



NJDEP Bureau of Marine Water Monitoring

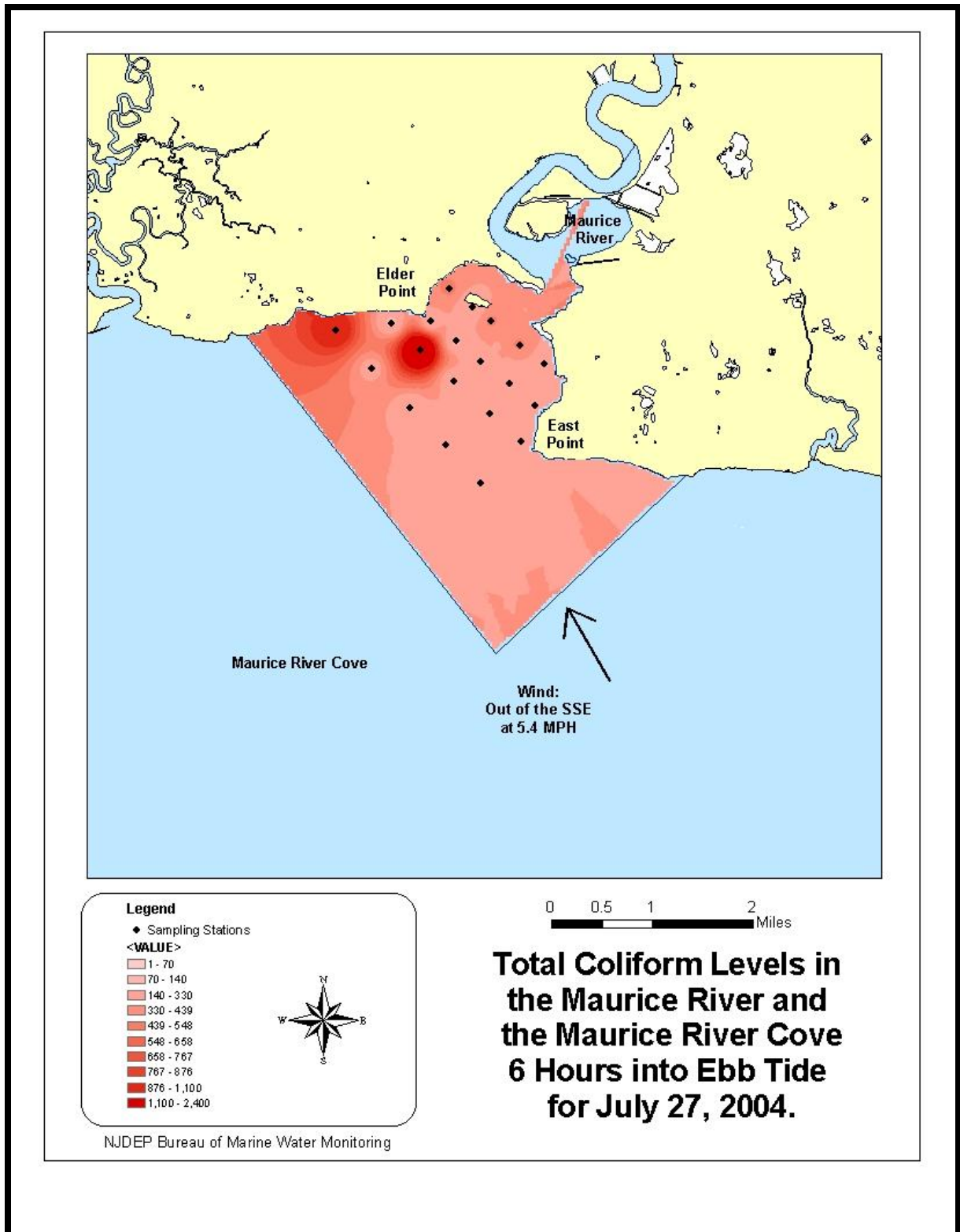
**Figure 66: Stations for the Shoreline Collection of Water Samples in the Maurice River and the Maurice River Cove for June 2005.**

# **Stations for Shoreline Collection of Water Samples in the Maurice River and Maurice River Cove for August 2005.**



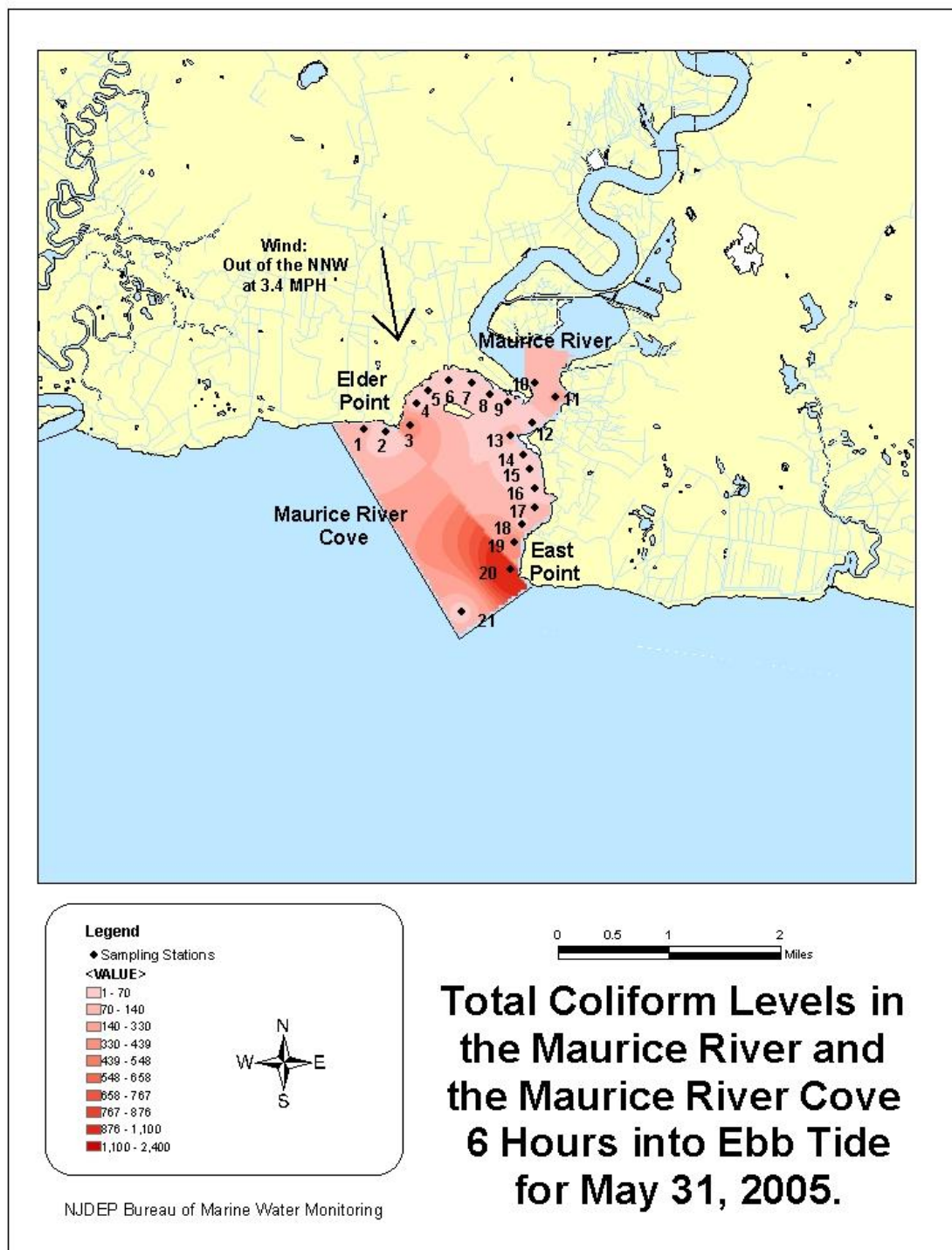
NJDEP Bureau of Marine Water Monitoring

**Figure 67: Stations for the Shoreline Collection of Water Samples in the Maurice River and the Maurice River Cove for August 2005.**

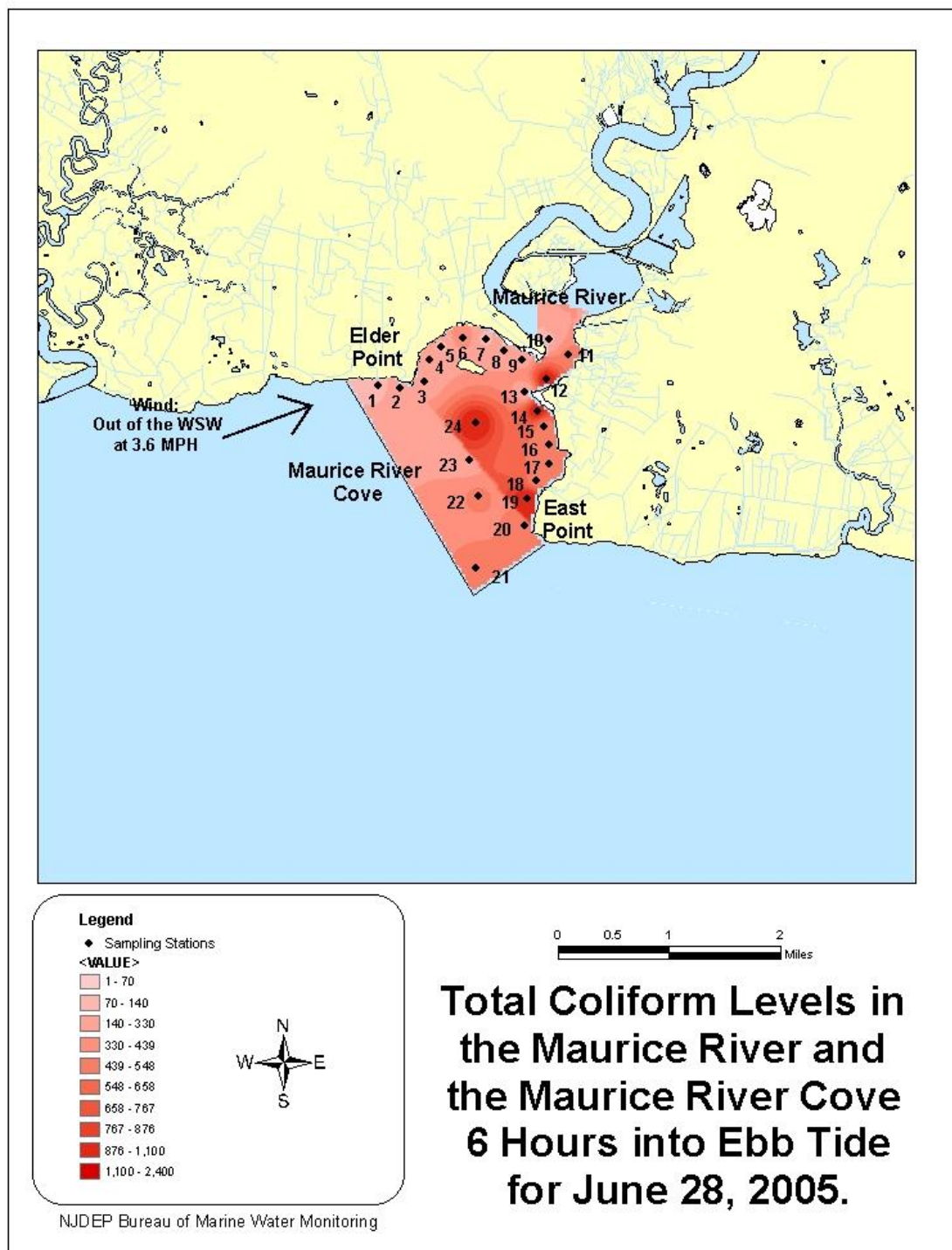


**Figure 68: Wind Direction and Total Coliform Levels in the Maurice River and the Maurice River Cove 6 Hours into Ebb Tide for July 27, 2004.**

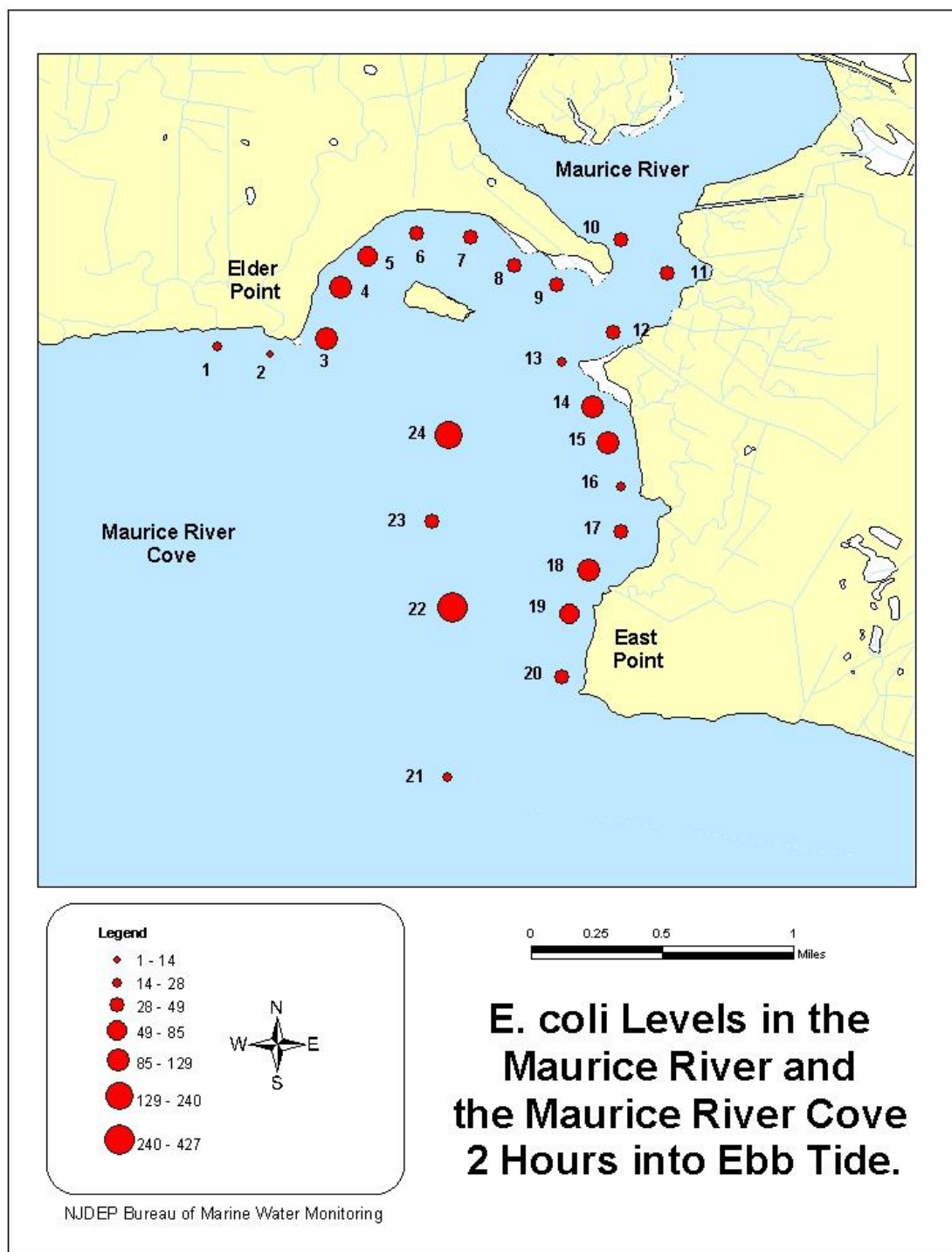




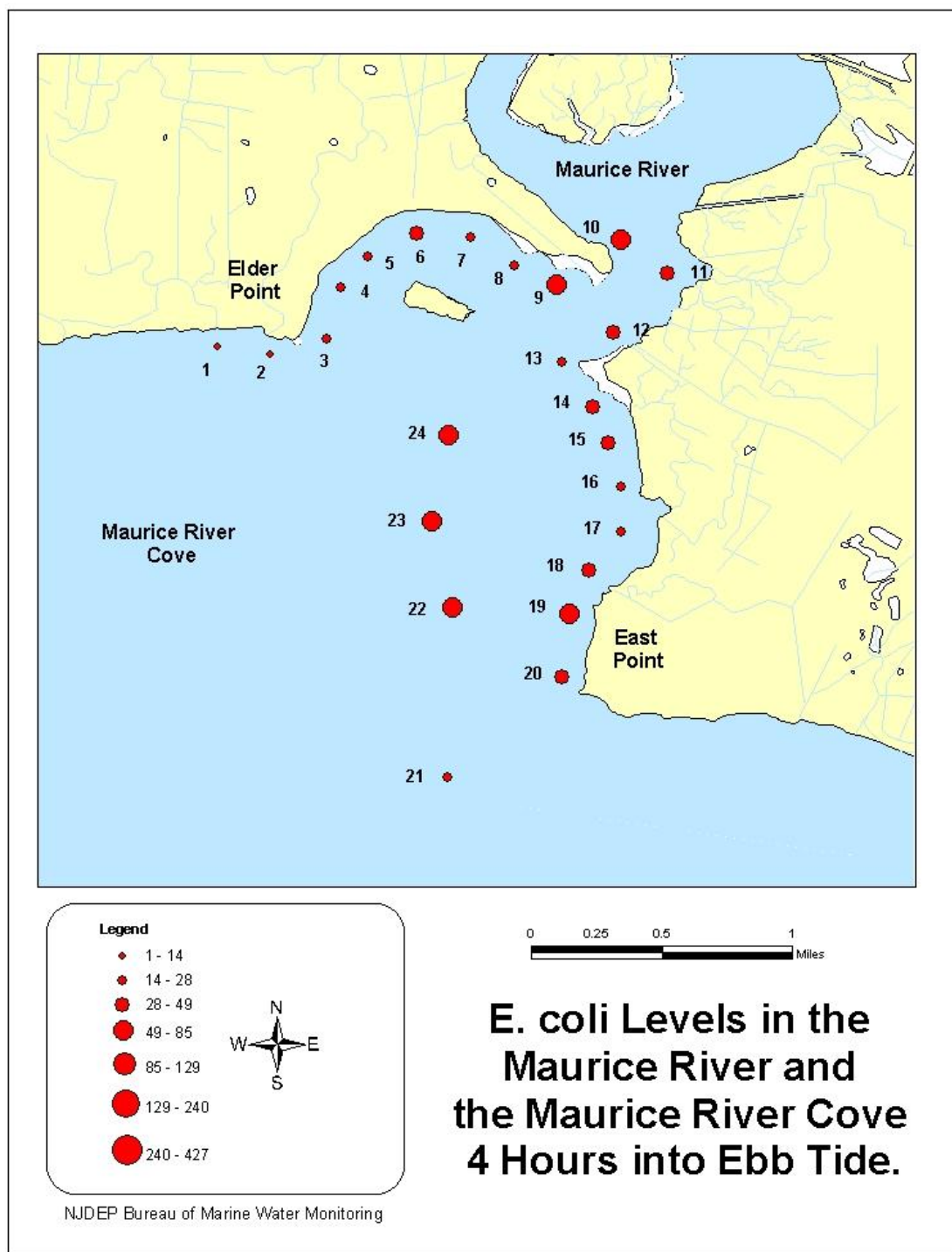
**Figure 69: Wind Direction and Total Coliform Levels in the Maurice River and the Maurice River Cove 6 Hours into Ebb Tide for May 31, 2005.**



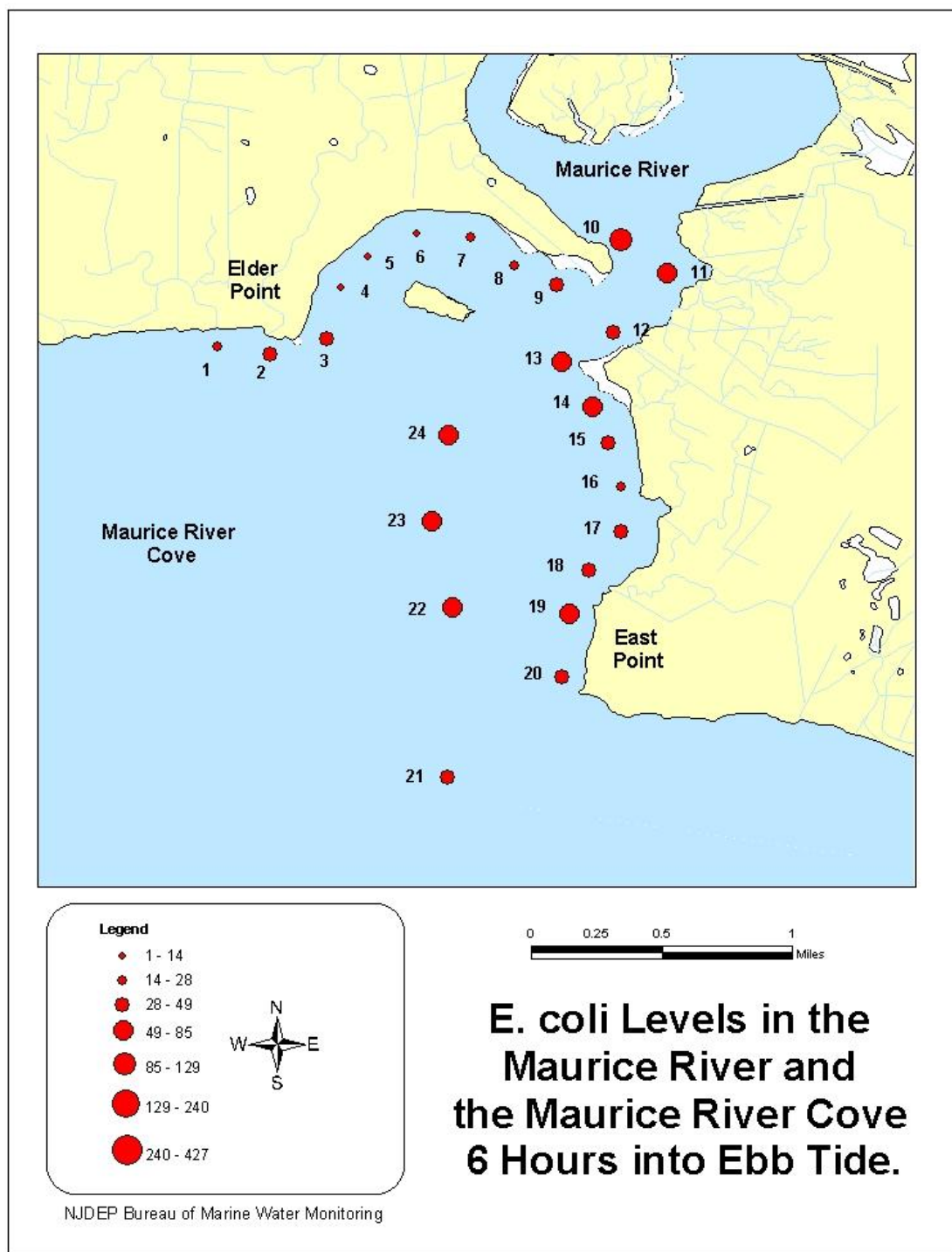
**Figure 70: Wind Direction and Total Coliform Levels in the Maurice River and the Maurice River Cove 6 Hours into Ebb Tide for June 28, 2005.**



**Figure 71: E. coli Levels in the Maurice River and the Maurice River Cove 2 Hours into Ebb Tide for all Sampling Dates.**

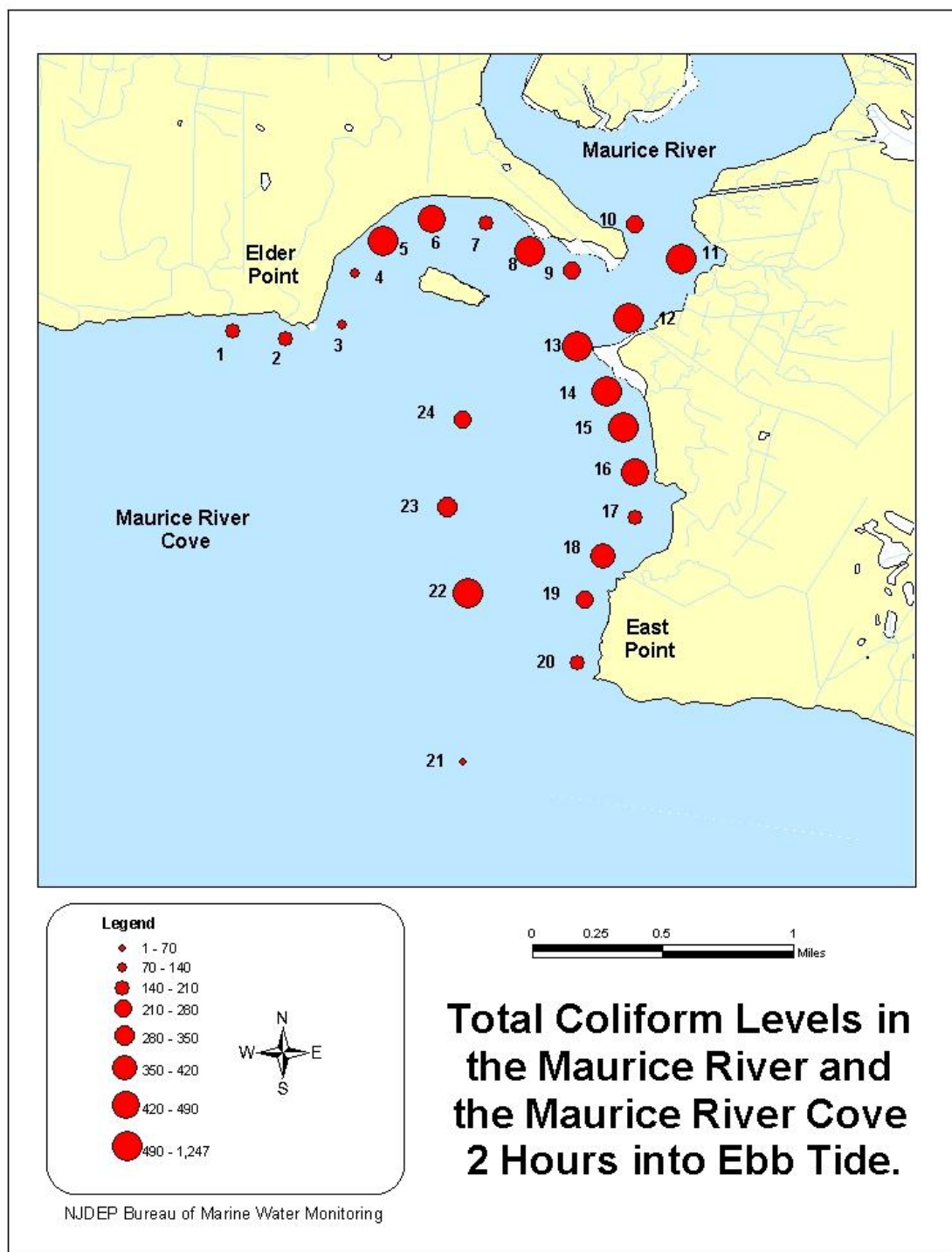


**Figure 72: E. coli Levels in the Maurice River and the Maurice River Cove 4 Hours into Ebb Tide for all Sampling Dates.**



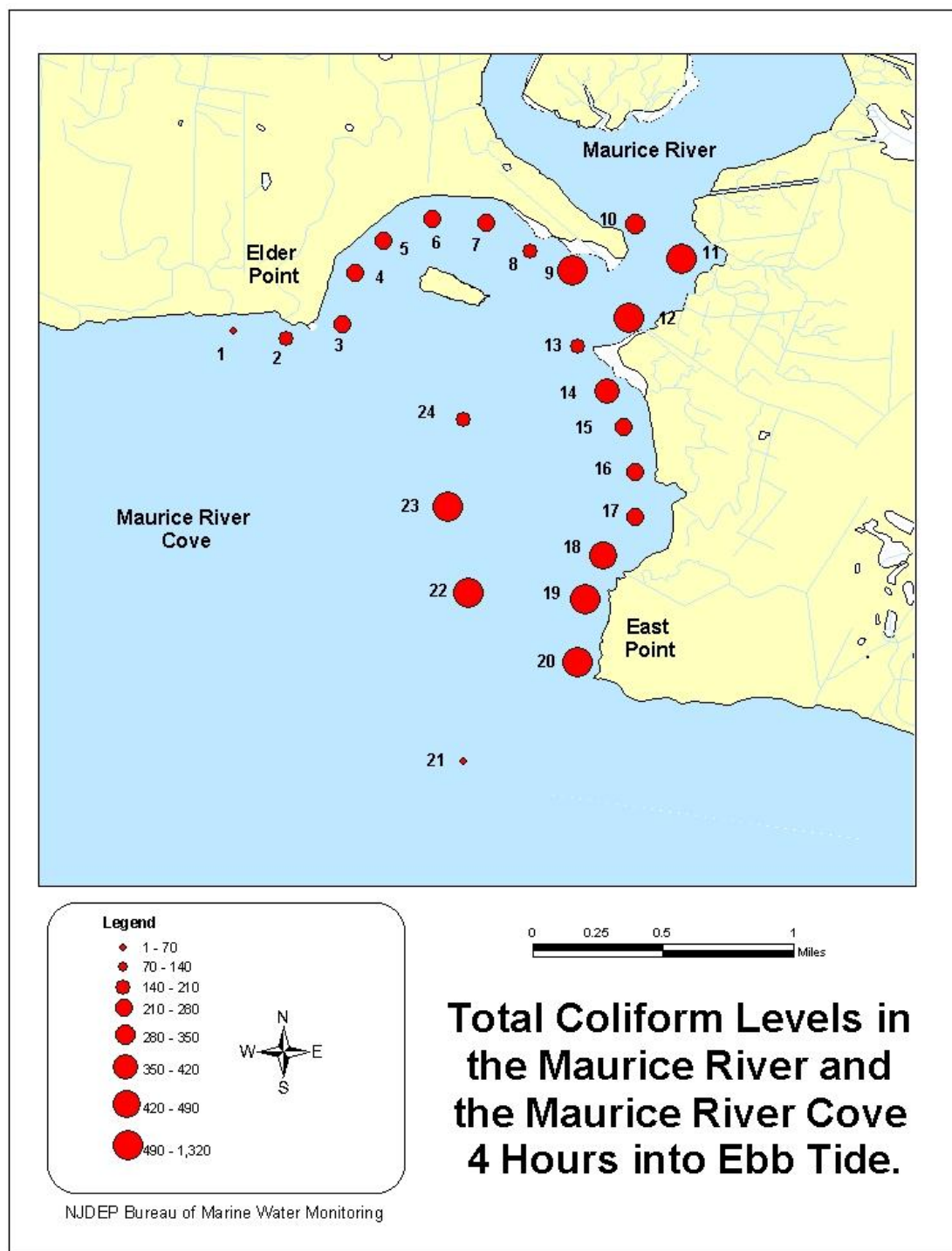
**Figure 73: E. coli Levels in the Maurice River and the Maurice River Cove 6 Hours into Ebb Tide for all Sampling Dates.**



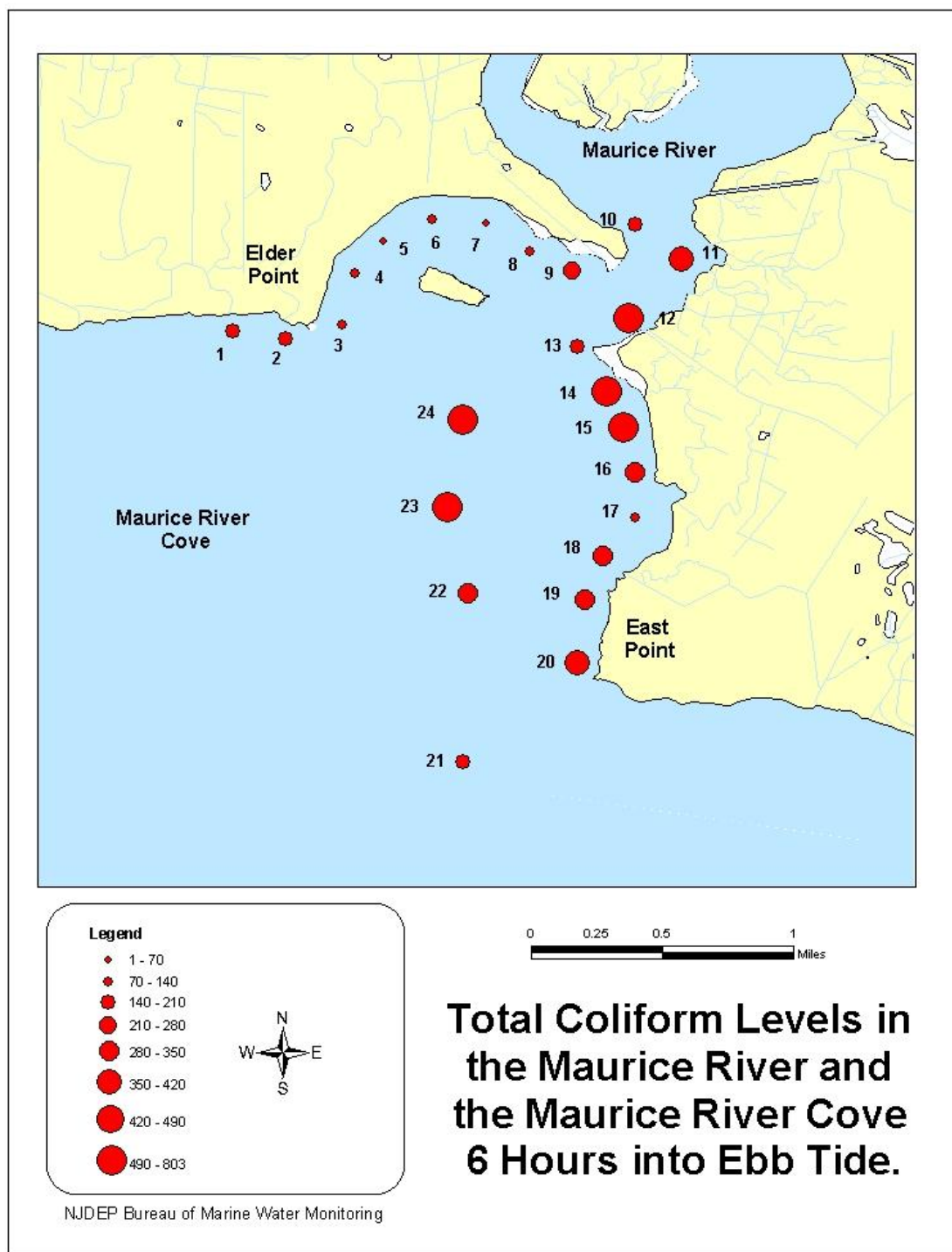


**Figure 74: Total Coliform Levels in the Maurice River and the Maurice River Cove 2 Hours into Ebb Tide for all Sampling Dates.**





**Figure 75: Total Coliform Levels in the Maurice River and the Maurice River Cove 4 Hours into Ebb Tide for all Sampling Dates.**



**Figure 76: Total Coliform Levels in the Maurice River and the Maurice River Cove 6 Hours into Ebb Tide for all Sampling Dates.**

**Table 37: *E. coli* Levels 2 Hours into Ebb Tide for all Sampling Dates in Maurice River and Maurice River Cove.**

<b><i>E. coli</i> Levels 2 Hours into Ebb Tide for all Sampling Dates in the Maurice River and the Maurice River Cove</b>											
	8/1/2005	6/28/2005	6/16/2005	5/31/2005	5/18/2005	5/17/2005	5/3/2005	4/18/2005	9/23/2004	7/27/2004	
<b>Rainfall (Day of Sample)</b>	0.00	0.12	Trace	0.00	0.00	0.00	0.00	0.00	0.00	0.10	
<b>Rainfall (D. of S. + 5 Days Before)</b>	2.32	1.55	Trace + 0	0.04	0.04	0.04	0.88	0.00	0.15	Trace + 0.12	
<b>Wind Direction</b>	ENE (0.60)	WSW (250)	W (270)	NNW (350)	ESE (110)	WNW (290)	WNW (280)	WSW (250)	N (360)	SSE (150)	WSW (237)
<b>Wind Speed</b>	3.6	3.6	5.1	3.4	2.7	3.0	5.3	4.5	4.6	5.4	4.1
<b>Day of the Week</b>	Mon.	Tues.	Thurs.	Tues.	Wed.	Tues.	Tues.	Mon.	Thurs.	Tues.	
<b>Station</b>	<b><i>E. coli</i> L.</b>	<b><i>E. coli</i> L.</b>	<b><i>E. coli</i> L.</b>	<b><i>E. coli</i> L.</b>	<b><i>E. coli</i> L.</b>	<b><i>E. coli</i> L.</b>	<b><i>E. coli</i> L.</b>	<b><i>E. coli</i> L.</b>	<b><i>E. coli</i> L.</b>	<b><i>E. coli</i> L.</b>	<b>Average Geo Mean</b>
<b>1</b>	33	50	17	3	13	7	3	7	No EC data	Transects	17
<b>2</b>	30	27	13	10	10	3	3	3	No EC data	Transects	12
<b>3</b>	30	103	77	640	17	10	3	7	No EC data	Transects	111
<b>4</b>	17	60	37	7	17	10	7	757	No EC data	Transects	114
<b>5</b>	37	53	43	13	17	13	3	323	No EC data	Transects	63
<b>6</b>	13	47	50	10	30	13	13	93	No EC data	Transects	34
<b>7</b>	13	77	80	< 3	20	23	7	47	No EC data	Transects	34
<b>8</b>	43	57	63	13	10	13	< 3	27	No EC data	Transects	29
<b>9</b>	10	100	87	23	20	20	7	20	No EC data	Transects	36
<b>10</b>	30	77	117	67	30	33	10	17	No EC data	Transects	48
<b>11</b>	83	60	77	20	23	13	3	10	No EC data	Transects	36
<b>12</b>	113	47	93	43	23	17	10	13	No EC data	Transects	45
<b>13</b>	37	37	30	37	20	13	3	13	No EC data	Transects	24
<b>14</b>	17	760	53	27	40	7	7	7	No EC data	Transects	115
<b>15</b>	3	663	43	30	< 3	7	13	7	No EC data	Transects	96
<b>16</b>	< 3	133	60	3	3	3	10	13	No EC data	Transects	28
<b>17</b>	7	150	77	7	3	17	< 3	7	No EC data	Transects	34
<b>18</b>	3	493	343	83	3	3	10	10	No EC data	Transects	118
<b>19</b>	123	217	153	77	17	17	7	17	No EC data	Transects	78
<b>20</b>	27	123	173	43	3	< 3	< 3	3	No EC data	Transects	47
<b>21</b>	17	3	17	47							21
<b>22</b>	10	1,267	< 3								427
<b>23</b>	43	47	3								31
<b>24</b>	37	30	347								138
<b>Average Geo Mean</b>	32	195	86	57	17	12	6	70			

**Table 38: *E. coli* Levels 4 Hours into Ebb Tide for all Sampling Dates in Maurice River and Maurice River Cove.**

<b><i>E. coli</i> Levels 4 Hours into Ebb Tide for all Sampling Dates in the Maurice River and the Maurice River Cove</b>											
	8/1/2005	6/28/2005	6/16/2005	5/31/2005	5/18/2005	5/17/2005	5/3/2005	4/18/2005	9/23/2004	7/27/2004	
<b>Rainfall (Day of Sample)</b>	0.00	0.12	Trace	0.00	0.00	0.00	0.00	0.00	0.00	0.10	
<b>Rainfall (D. of S. + 5 Days Before)</b>	2.32	1.55	Trace + 0	0.04	0.04	0.04	0.88	0.00	0.15	Trace + 0.12	
<b>Wind Direction</b>	ENE (0.60)	WSW (250)	W (270)	NNW (350)	ESE (110)	WNW (290)	WNW (280)	WSW (250)	N (360)	SSE (150)	WSW (237)
<b>Wind Speed</b>	3.6	3.6	5.1	3.4	2.7	3.0	5.3	4.5	4.6	5.4	4.1
<b>Day of the Week</b>	Mon.	Tues.	Thurs.	Tues.	Wed.	Tues.	Tues.	Mon.	Thurs.	Tues.	
<b>Station</b>	<b><i>E. coli</i> L.</b>	<b><i>E. coli</i> L.</b>	<b><i>E. coli</i> L.</b>	<b><i>E. coli</i> L.</b>	<b><i>E. coli</i> L.</b>	<b><i>E. coli</i> L.</b>	<b><i>E. coli</i> L.</b>	<b><i>E. coli</i> L.</b>	<b><i>E. coli</i> L.</b>	<b><i>E. coli</i> L.</b>	<b>Average Geo Mean</b>
1	37	20	< 3	17	13	3	< 3	10	No EC data	Transects	13
2	27	17	3	10	13	27	< 3	3	No EC data	Transects	13
3	3	110	23	17	10	3	3	40	No EC data	Transects	26
4	23	50	27	17	17	7	3	7	No EC data	Transects	19
5	40	80	17	7	27	23	3	17	No EC data	Transects	27
6	20	197	37	3	17	13	3	7	No EC data	Transects	37
7	7	87	50	10	10	30	7	7	No EC data	Transects	26
8	7	63	30	27	13	7	3	10	No EC data	Transects	20
9	193	23	133	13	17	17	7	10	No EC data	Transects	52
10	213	30	40	47	47	13	7	67	No EC data	Transects	58
11	80	30	53	23	20	13	20	13	No EC data	Transects	31
12	50	23	100	60	47	27	13	23	No EC data	Transects	43
13	53	17	23	10	20	17	10	33	No EC data	Transects	23
14	33	210	93	13	10	10	10	3	No EC data	Transects	48
15	73	23	80	30	17	10	10	10	No EC data	Transects	32
16	43	3	63	10	< 3	3	13	10	No EC data	Transects	18
17	67	17	47	3	23	27	3	10	No EC data	Transects	25
18	23	47	103	147	17	10	< 3	3	No EC data	Transects	44
19	17	147	100	163	7	7	3	3	No EC data	Transects	56
20	43	103	107	20	17	3	20	3	No EC data	Transects	39
21	77	10	7	3	3	17	7				18
22	140	10	7								52
23	170	17	37								75
24	147	30	53								77
<b>Average Geo Mean</b>	66	57	51	31	17	14	7	14			

**Table 39: *E. coli* Levels 6 Hours into Ebb Tide for all Sampling Dates in Maurice River and Maurice River Cove.**

<b><i>E. coli</i> Levels 6 Hours into Ebb Tide for all Sampling Dates in the Maurice River and the Maurice River Cove</b>											
	8/1/2005	6/28/2005	6/16/2005	5/31/2005	5/18/2005	5/17/2005	5/3/2005	4/18/2005	9/23/2004	7/27/2004	
<b>Rainfall (Day of Sample)</b>	0.00	0.12	Trace	0.00	0.00	0.00	0.00	0.00	0.00	0.10	
<b>Rainfall (D. of S. + 5 Days Before)</b>	2.32	1.55	Trace + 0	0.04	0.04	0.04	0.88	0.00	0.15	Trace + 0.12	
<b>Wind Direction</b>	ENE (0.60)	WSW (250)	W (270)	NNW (350)	ESE (110)	WNW (290)	WNW (280)	WSW (250)	N (360)	SSE (150)	WSW (237)
<b>Wind Speed</b>	3.6	3.6	5.1	3.4	2.7	3.0	5.3	4.5	4.6	5.4	4.1
<b>Day of the Week</b>	Mon.	Tues.	Thurs.	Tues.	Wed.	Tues.	Tues.	Mon.	Thurs.	Tues.	
<b>Station</b>	<b><i>E. coli</i> L.</b>	<b><i>E. coli</i> L.</b>	<b><i>E. coli</i> L.</b>	<b><i>E. coli</i> L.</b>	<b><i>E. coli</i> L.</b>	<b><i>E. coli</i> L.</b>	<b><i>E. coli</i> L.</b>	<b><i>E. coli</i> L.</b>	<b><i>E. coli</i> L.</b>	<b><i>E. coli</i> L.</b>	<b>Average Geo Mean</b>
1	20	33	27	20	30	40	< 3	< 3	No EC data	Transects	22
2	43	63	23	17	73	30	3	3	No EC data	Transects	32
3	7	50	137	83	7	7	< 3	10	No EC data	Transects	38
4	13	37	13	10	10	3	3	7	No EC data	Transects	12
5	3	20	3	20	7	10	7	7	No EC data	Transects	10
6	20	33	20	7	10	7	10	< 3	No EC data	Transects	14
7	33	27	30	17	10	13	7	7	No EC data	Transects	18
8	30	47	37	13	73	13	7	7	No EC data	Transects	28
9	87	10	30	33	40	23	7	3	No EC data	Transects	29
10	417	33	53	87	37	53	17	100	No EC data	Transects	100
11	303	37	33	17	17	33	13	10	No EC data	Transects	58
12	170	20	80	17	37	23	30	13	No EC data	Transects	49
13	180	60	50	37	23	30	7	77	No EC data	Transects	58
14	63	133	107	50	20	7	10	10	No EC data	Transects	50
15	120	37	33	30	< 3	50	20	23	No EC data	Transects	39
16	67	43	37	30	13	7	3	< 3	No EC data	Transects	25
17	117	33	17	43	10	20	17	10	No EC data	Transects	33
18	57	117	90	37	13	13	10	3	No EC data	Transects	42
19	93	100	77	203	13	7	< 3	10	No EC data	Transects	63
20	97	90	43	77	17	7	3	10	No EC data	Transects	43
21	110	37	27	7	17	23	13				33
22	120	50	20								63
23	150	20	33								68
24	157	33	33								74
<b>Average Geo Mean</b>	103	48	44	41	23	20	9	16			

**Table 40: TC Levels 2 Hours into Ebb Tide for all Sampling Dates in Maurice River and Maurice River Cove.**

Total Coliform Levels 2 Hours into Ebb Tide for all Sampling Dates in the Maurice River and the Maurice River Cove											
	8/1/2005	6/28/2005	6/16/2005	5/31/2005	5/18/2005	5/17/2005	5/3/2005	4/18/2005	9/23/2004	7/27/2004	
<b>Rainfall (Day of Sample)</b>	0.00	0.12	Trace	0.00	0.00	0.00	0.00	0.00	0.00	0.10	
<b>Rainfall (D. of S. + 5 Days Before)</b>	2.32	1.55	Trace + 0	0.04	0.04	0.04	0.88	0.00	0.15	Trace + 0.12	
<b>Wind Direction</b>	ENE (0.60)	WSW (250)	W (270)	NNW (350)	ESE (110)	WNW (290)	WNW (280)	WSW (250)	N (360)	SSE (150)	WSW (237)
<b>Wind Speed</b>	3.6	3.6	5.1	3.4	2.7	3.0	5.3	4.5	4.6	5.4	4.1
<b>Day of the Week</b>	Mon.	Tues.	Thurs.	Tues.	Wed.	Tues.	Tues.	Mon.	Thurs.	Tues.	
Station	TC Level	TC Level	TC Level	TC Level	TC Level	TC Level	TC Level	TC Level	TC Level	TC Level	Average Geo Mean
1	460	75							75	Transects	203
2	240	75							240	Transects	185
3	75	240							23	Transects	113
4	75	240							93	Transects	136
5	150	> 2,400							75	Transects	> 875
6	1,100	150							43	Transects	431
7	240	210							150	Transects	200
8	460	1,100							23	Transects	528
9	93	460							93	Transects	215
10	460	240							93	Transects	264
11	1,100	240							460	Transects	600
12	1,100	460							1,100	Transects	887
13	1,100	460							460	Transects	673
14	210	> 2,400							93	Transects	> 901
15	240	> 2,400							1,100	Transects	> 1,247
16	150	1,100							43	Transects	431
17	39	240							240	Transects	173
18	39	1,100							93	Transects	411
19	240	460							43	Transects	248
20	150	240							93	Transects	161
21	150	15									82
22	240	1,100									670
23	240	460									350
24	240	240									240
<b>Average Geo Mean</b>	358	> 671							232		



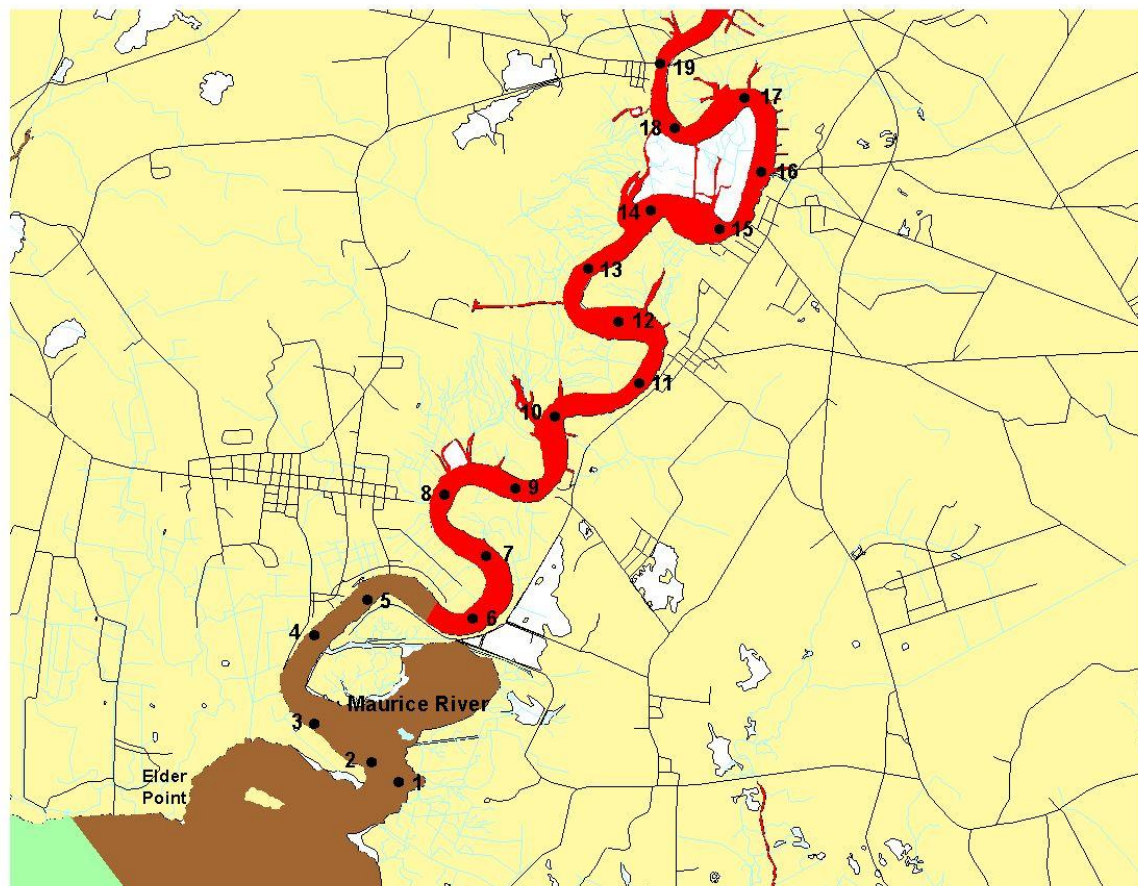
**Table 41: TC Levels 4 Hours into Ebb Tide for all Sampling Dates in Maurice River and Maurice River Cove.**

Total Coliform Levels 4 Hours into Ebb Tide for all Sampling Dates in the Maurice River and the Maurice River Cove											
	8/1/2005	6/28/2005	6/16/2005	5/31/2005	5/18/2005	5/17/2005	5/3/2005	4/18/2005	9/23/2004	7/27/2004	
<b>Rainfall (Day of Sample)</b>	0.00	0.12	Trace	0.00	0.00	0.00	0.00	0.00	0.00	0.10	
<b>Rainfall (D. of S. + 5 Days Before)</b>	2.32	1.55	Trace + 0	0.04	0.04	0.04	0.88	0.00	0.15	Trace + 0.12	
<b>Wind Direction</b>	ENE (0.60)	WSW (250)	W (270)	NNW (350)	ESE (110)	WNW (290)	WNW (280)	WSW (250)	N (360)	SSE (150)	WSW (237)
<b>Wind Speed</b>	3.6	3.6	5.1	3.4	2.7	3.0	5.3	4.5	4.6	5.4	4.1
<b>Day of the Week</b>	Mon.	Tues.	Thurs.	Tues.	Wed.	Tues.	Tues.	Mon.	Thurs.	Tues.	
Station	TC Level	TC Level	TC Level	TC Level	TC Level	TC Level	TC Level	TC Level	TC Level	TC Level	Average Geo Mean
1	93	43							43	Transects	60
2	240	240							23	Transects	168
3	210	460							93	Transects	254
4	240	460							93	Transects	264
5	93	460							240	Transects	264
6	23	150							460	Transects	211
7	93	460							93	Transects	215
8	240	240							93	Transects	191
9	> 2,400	93							75	Transects	> 856
10	240	460							240	Transects	313
11	240	1,100							460	Transects	600
12	150	> 2,400							460	Transects	> 1,003
13	240	150							150	Transects	180
14	460	460							240	Transects	387
15	460	240							93	Transects	264
16	290	460							43	Transects	264
17	460	240							93	Transects	264
18	93	1,100							240	Transects	478
19	> 2,400	460							93	Transects	> 984
20	240	1,100							240	Transects	527
21	93	43									68
22	> 2,400	240									> 1,320
23	240	1,100									670
24	240	93									166
<b>Average Geo Mean</b>	> 495	> 510							178		

**Table 42: TC Levels 6 Hours into Ebb Tide for all Sampling Dates in Maurice River and Maurice River Cove.**

Total Coliform Levels 6 Hours into Ebb Tide for all Sampling Dates in the Maurice River and the Maurice River Cove											
	8/1/2005	6/28/2005	6/16/2005	5/31/2005	5/18/2005	5/17/2005	5/3/2005	4/18/2005	9/23/2004	7/27/2004	
<b>Rainfall (Day of Sample)</b>	0.00	0.12	Trace	0.00	0.00	0.00	0.00	0.00	0.00	0.10	
<b>Rainfall (D. of S. + 5 Days Before)</b>	2.32	1.55	Trace + 0	0.04	0.04	0.04	0.88	0.00	0.15	Trace + 0.12	
<b>Wind Direction</b>	ENE (0.60)	WSW (250)	W (270)	NNW (350)	ESE (110)	WNW (290)	WNW (280)	WSW (250)	N (360)	SSE (150)	WSW (237)
<b>Wind Speed</b>	3.6	3.6	5.1	3.4	2.7	3.0	5.3	4.5	4.6	5.4	4.1
<b>Day of the Week</b>	Mon.	Tues.	Thurs.	Tues.	Wed.	Tues.	Tues.	Mon.	Thurs.	Tues.	
Station	TC Level	TC Level	TC Level	TC Level	TC Level	TC Level	TC Level	TC Level	TC Level	TC Level	Average Geo Mean
1	75	93	460	75	240	23	15	23	460	Transects	163
2	240	210	23	43	75	240	43	23	460	Transects	151
3	150	240	240	460	43	20	15	3.6	43	Transects	135
4	150	240	150	23	93	23	3.6	21	93	Transects	88
5	93	93	39	9.1	93	43	23	21	43	Transects	51
6	93	460	93	7.3	23	23	15	43	150	Transects	101
7	43	75	43	15	23	23	23	23	93	Transects	40
8	240	210	150	43	240	120	15	9.1	93	Transects	124
9	240	240	1,100	23	460	23	23	43	93	Transects	249
10	290	93	150	75	240	240	43	240	150	Transects	169
11	1,100	460	1,100	150	210	75	23	93	240	Transects	383
12	240	1,100	> 2,400	43	460	93	23	240	240	Transects	> 538
13	460	93	460	93	43	93	240	240	93	Transects	202
14	1,100	1,100	> 2,400	21	120	43	23	23	240	Transects	> 563
15	> 2,400	460	1,100	15	460	150	23	23	93	Transects	> 525
16	1,100	460	1,100	23	93	93	23	23	240	Transects	350
17	240	460	93	75	93	75	3.6	15	43	Transects	122
18	1,100	460	1,100	43	93	43	23	93	43	Transects	333
19	460	1,100	460	460	75	39	7.3	240	43	Transects	320
20	1,100	460	210	1,100	240	43	3.6	43	93	Transects	366
21	460	460	150	43	43	150	43				193
22	460	460	93								338
23	1,100	240	150								497
24	1,100	1,100	210								803
<b>Average Geo Mean</b>	> 585	432	561	135	165	80	31	74	152		

# **Sampling Stations for the Collection of Water Samples in the Maurice River for October 2005.**



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**Figure 77: Stations for the Collection of Water Samples in the Maurice River for October 2005.**

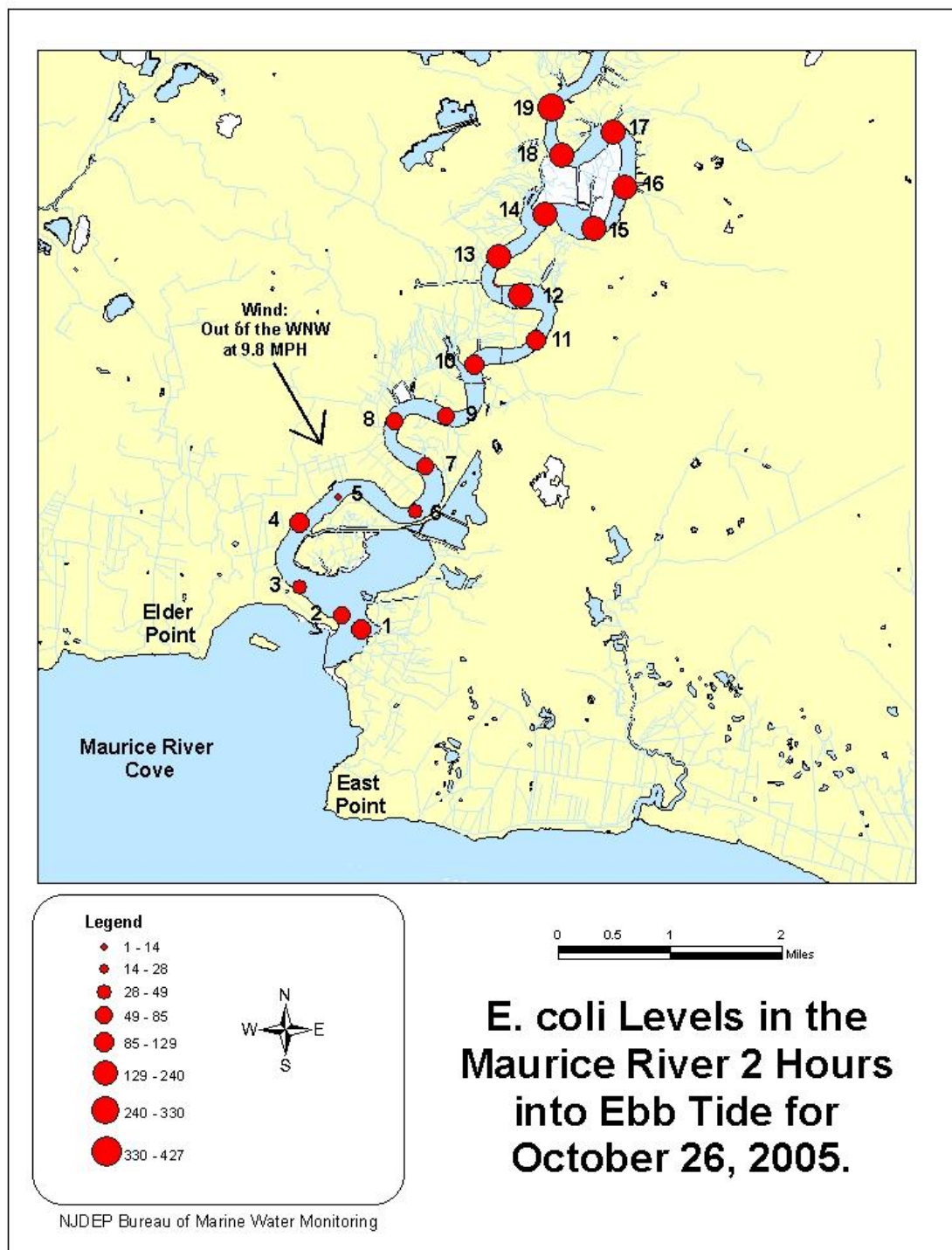


Figure 78: E. coli Levels in the Maurice River 2 Hours into Ebb Tide for October 26, 2005.

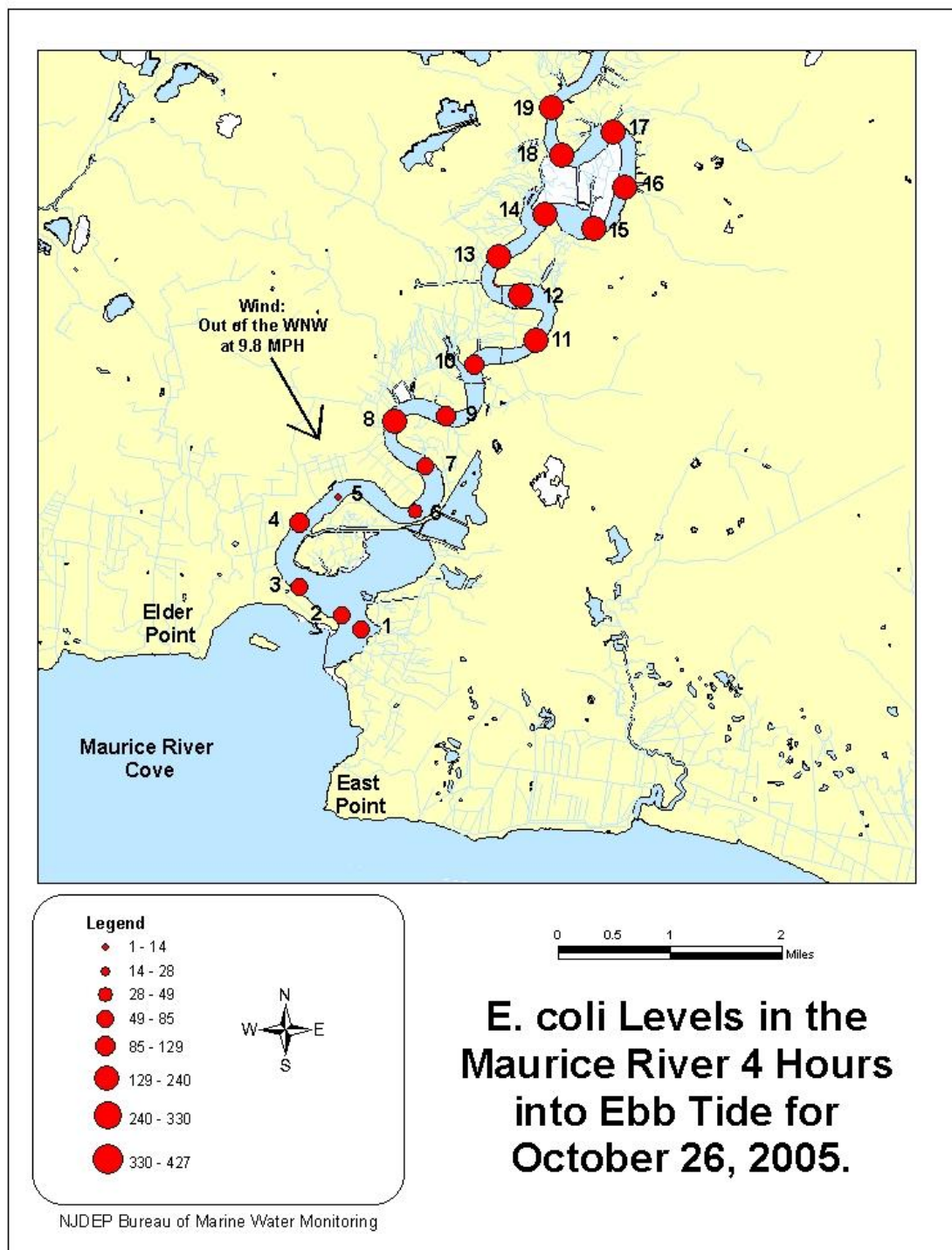


Figure 79: E. coli Levels in the Maurice River 4 Hours into Ebb Tide for October 26, 2005.



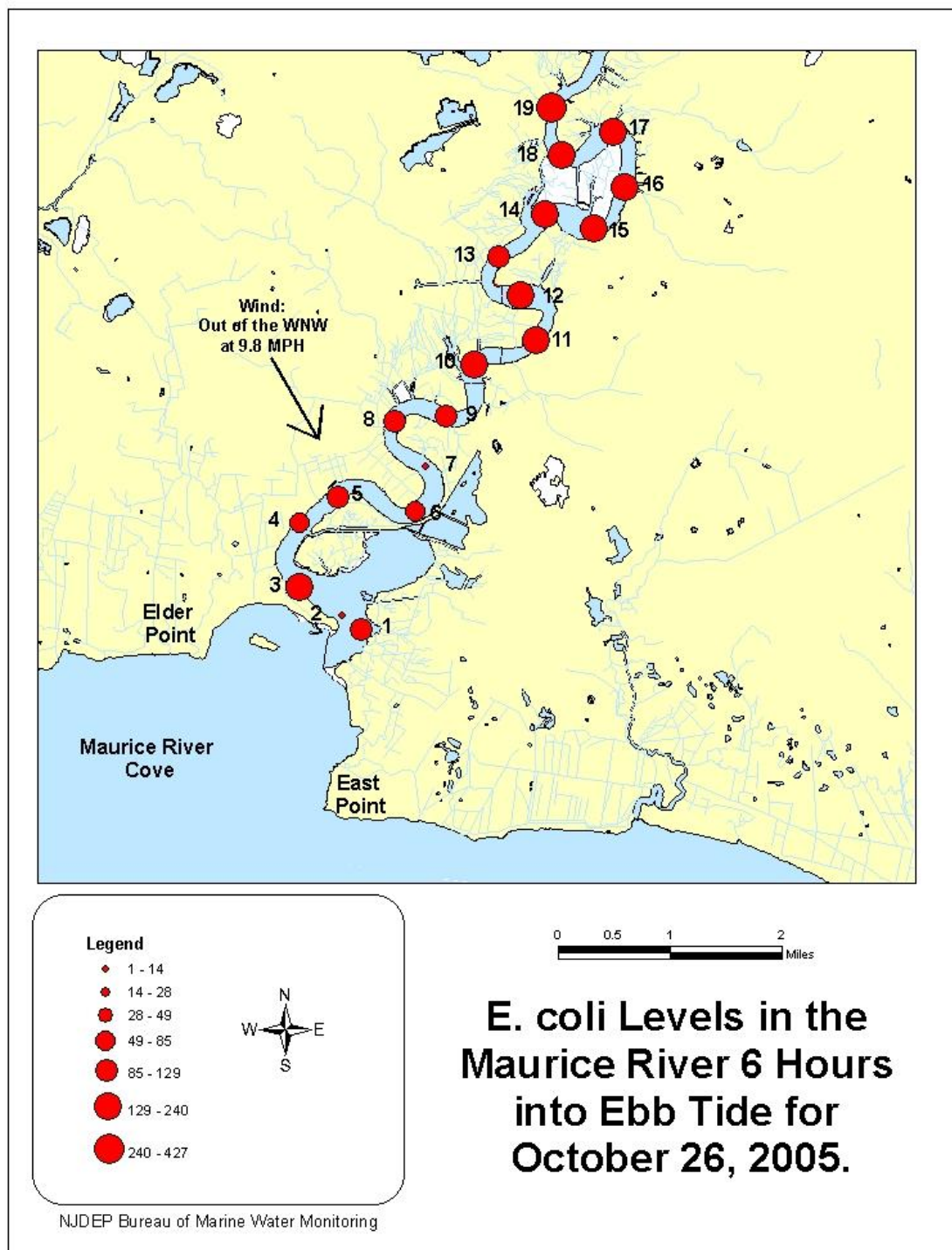


Figure 80: E. coli Levels in the Maurice River 6 Hours into Ebb Tide for October 26, 2005.



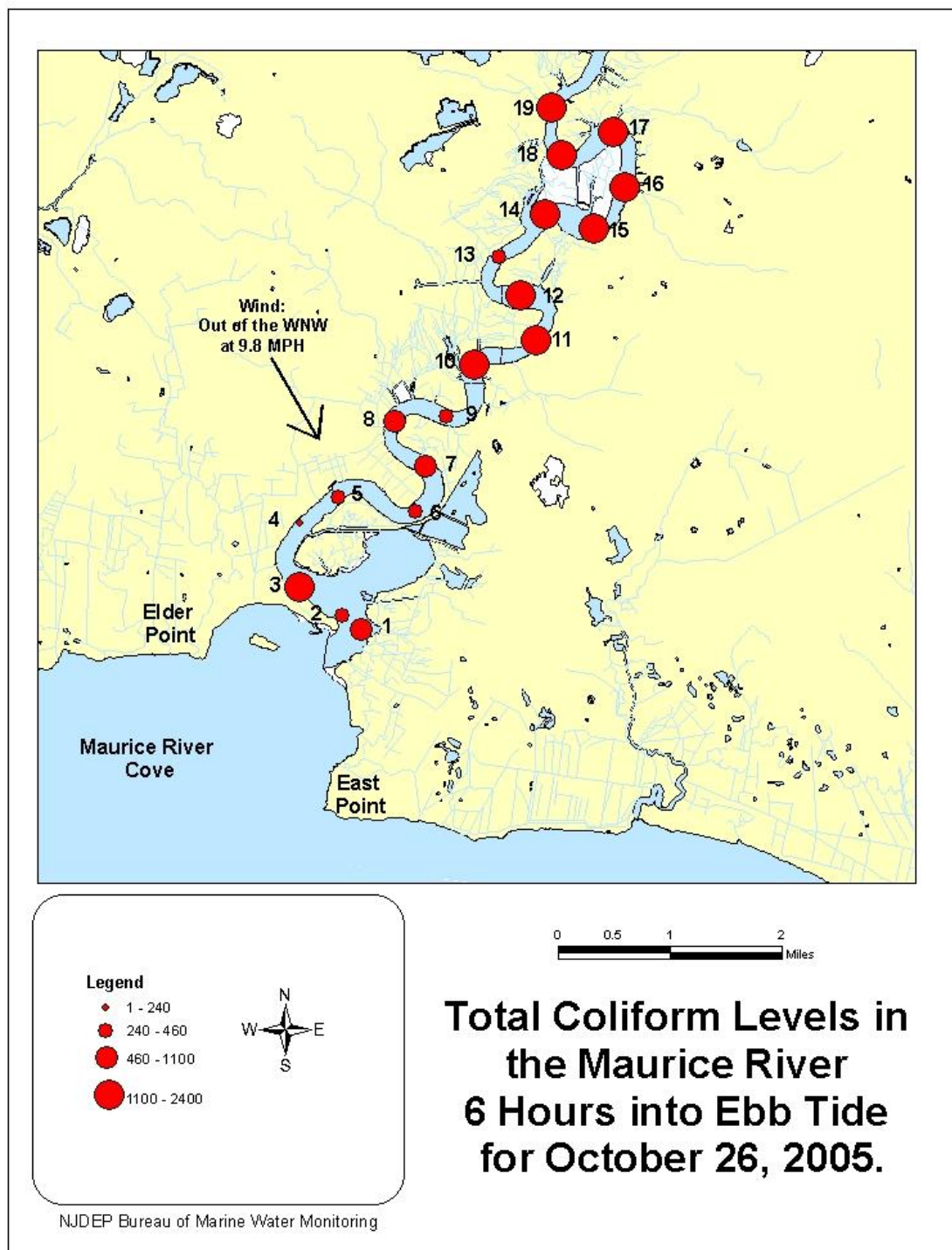


Figure 81: Total Coliform Levels in the Maurice River 6 Hours into Ebb Tide for October 26, 2005.

**Table 43: *E. coli* Levels 2 Hours into Ebb Tide for the Stations in the Maurice River on October 26, 2005**

<b><u>E. coli</u> Levels 2 Hours into Ebb Tide for the Stations in the Maurice River on October 26, 2005</b>	
	<b>10/26/2005</b>
<b>Rainfall (Day of Sample)</b>	Trace
<b>Rainfall (D. of S. + 5 Days Before)</b>	Trace + 1.83
<b>Wind Direction</b>	WNW (300)
<b>Wind Speed</b>	9.8
<b>Day of the Week</b>	Wednesday
<b>Station</b>	<b><u>E. coli</u> Level</b>
1	90
2	50
3	30
4	90
5	20
6	30
7	80
8	80
9	60
10	90
11	110
12	140
13	180
14	190
15	220
16	210
17	190
18	170
19	260
<b>Average Geo Mean</b>	120

**Table 44: *E. coli* Levels 4 Hours into Ebb Tide for the Stations in the Maurice River on October 26, 2005**

<b><u>E. coli</u> Levels 4 Hours into Ebb Tide for the Stations in the Maurice River on October 26, 2005</b>	
	<b>10/26/2005</b>
<b>Rainfall (Day of Sample)</b>	Trace
<b>Rainfall (D. of S. + 5 Days Before)</b>	Trace + 1.83
<b>Wind Direction</b>	WNW (300)
<b>Wind Speed</b>	9.8
<b>Day of the Week</b>	Wednesday
<b>Station</b>	<b><u>E. coli</u> Level</b>
1	50
2	60
3	70
4	90
5	10
6	40
7	50
8	150
9	90
10	100
11	140
12	170
13	230
14	130
15	200
16	220
17	190
18	190
19	190
<b>Average Geo Mean</b>	125

**Table 45: *E. coli* Levels 6 Hours into Ebb Tide for the Stations in the Maurice River on October 26, 2005**

<b><u>E. coli</u> Levels 6 Hours into Ebb Tide for the Stations in the Maurice River on October 26, 2005</b>	
	<b>10/26/2005</b>
<b>Rainfall (Day of Sample)</b>	Trace
<b>Rainfall (D. of S. + 5 Days Before)</b>	Trace + 1.83
<b>Wind Direction</b>	WNW (300)
<b>Wind Speed</b>	9.8
<b>Day of the Week</b>	Wednesday
<b>Station</b>	<b><u>E. coli</u> Level</b>
1	110
2	60
3	170
4	70
5	90
6	80
7	60
8	110
9	120
10	190
11	230
12	210
13	120
14	190
15	200
16	220
17	220
18	190
19	290
<b>Average Geo Mean</b>	154

**Table 46: Total Coliform Levels 6 Hours into Ebb Tide for the Stations in the Maurice River on October 26, 2005**

<b>Total Coliform Levels 6 Hours into Ebb Tide for the Stations in the Maurice River on October 26, 2005</b>	
	<b>10/26/2005</b>
<b>Rainfall (Day of Sample)</b>	Trace
<b>Rainfall (D. of S. + 5 Days Before)</b>	Trace + 1.83
<b>Wind Direction</b>	WNW (300)
<b>Wind Speed</b>	9.8
<b>Day of the Week</b>	Wednesday
<b>Station</b>	<b>TC Level</b>
1	1,100
2	460
3	> 2,400
4	240
5	460
6	460
7	1,100
8	1,100
9	460
10	> 2,400
11	> 2,400
12	> 2,400
13	460
14	> 2,400
15	> 2,400
16	> 2,400
17	> 2,400
18	> 2,400
19	> 2,400
<b>Average Geo Mean</b>	> 1,570

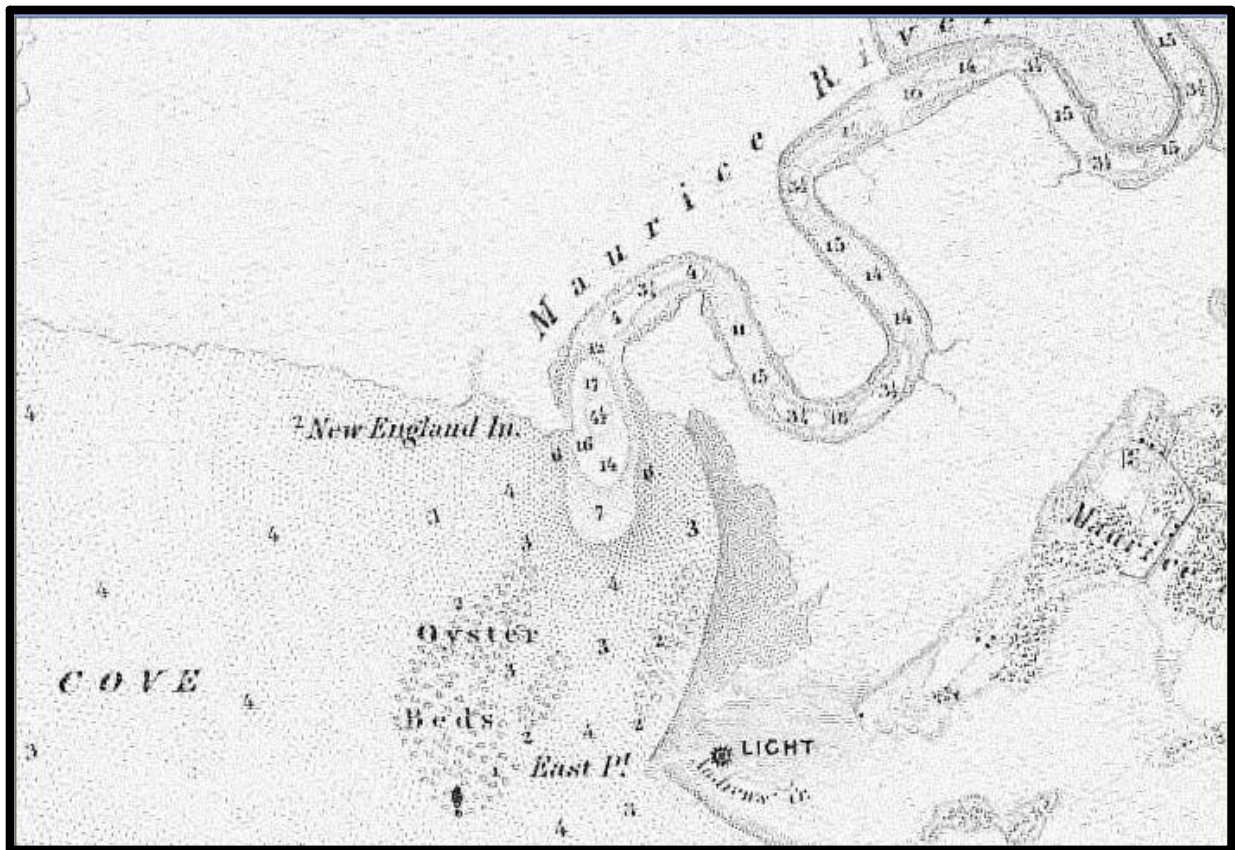


Figure 82: 1846 NOAA Nautical Chart of the Lower Maurice River and the Maurice River Cove.



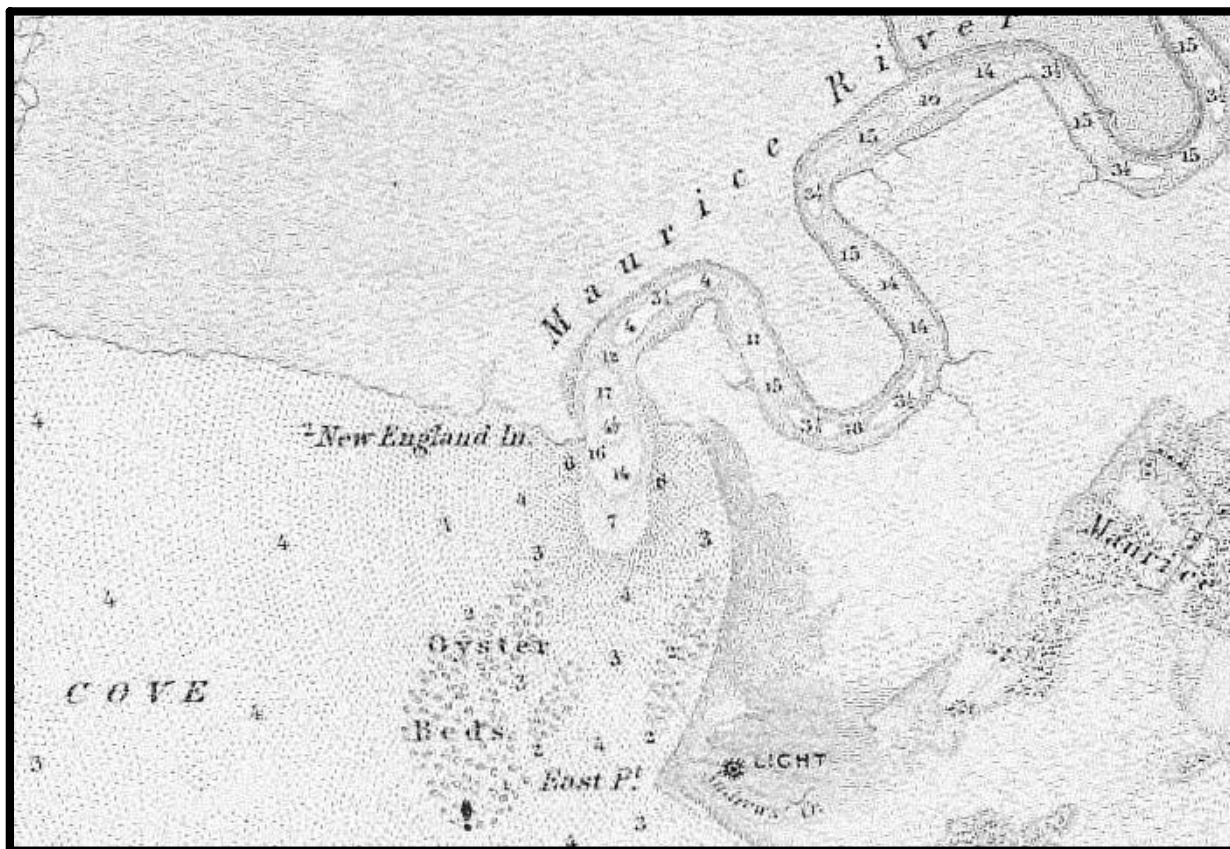


Figure 83: 1881 NOAA Nautical Chart of the Lower Maurice River and the Maurice River Cove.

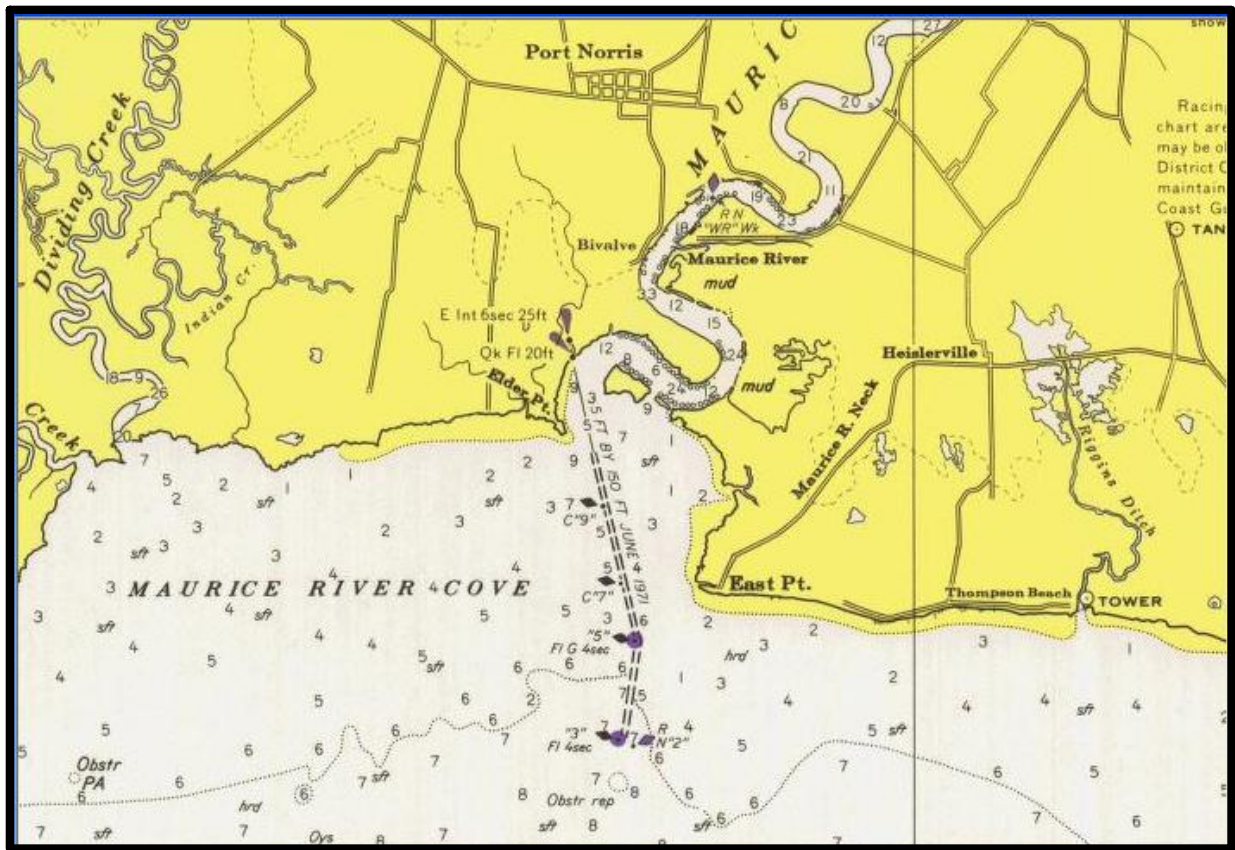


Figure 84: 1974 NOAA Nautical Chart of the Lower Maurice River and the Maurice River Cove.

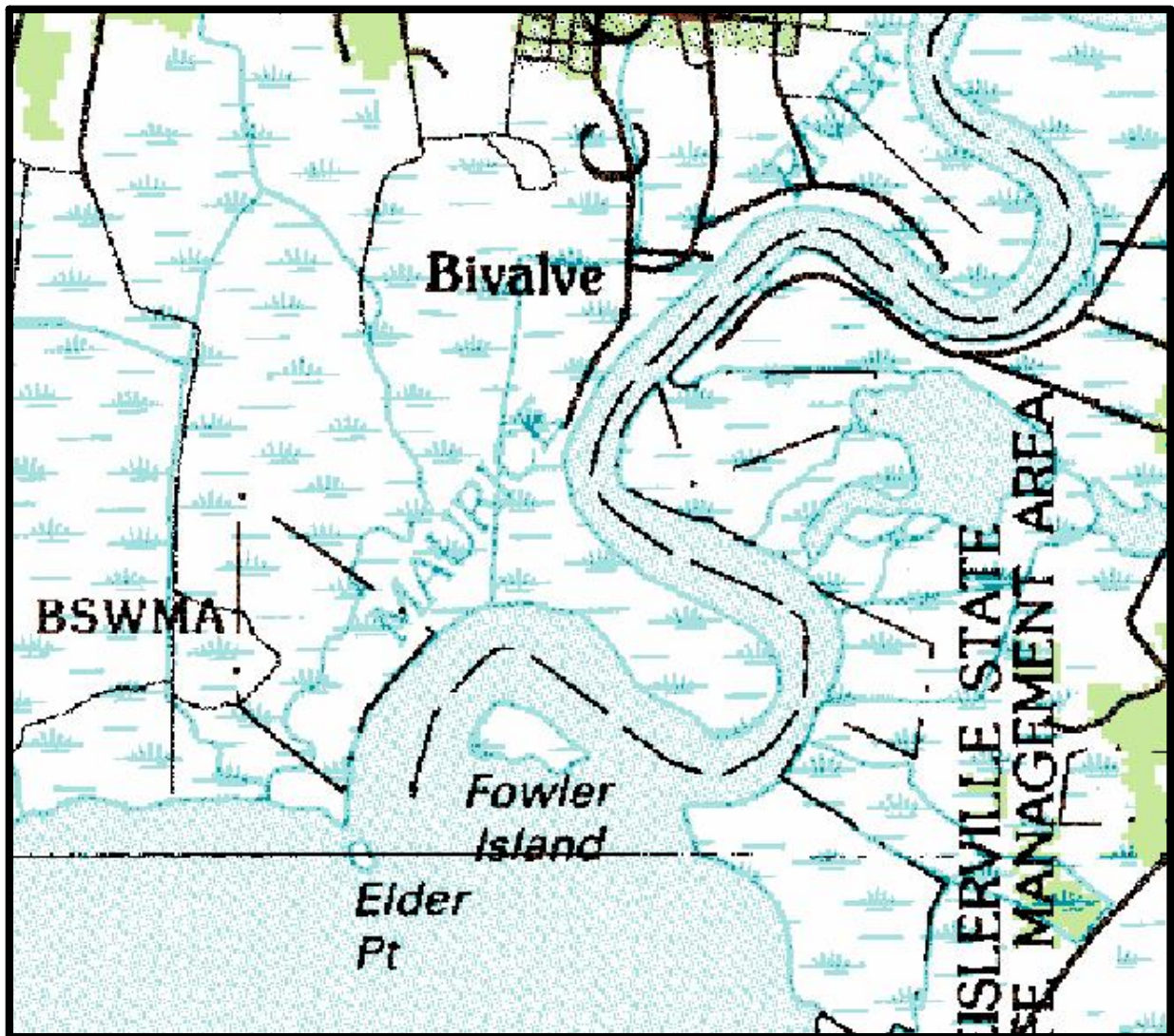


Figure 85: July 1, 1982 USGS Quad of the Lower Maurice River and the Maurice River Cove.



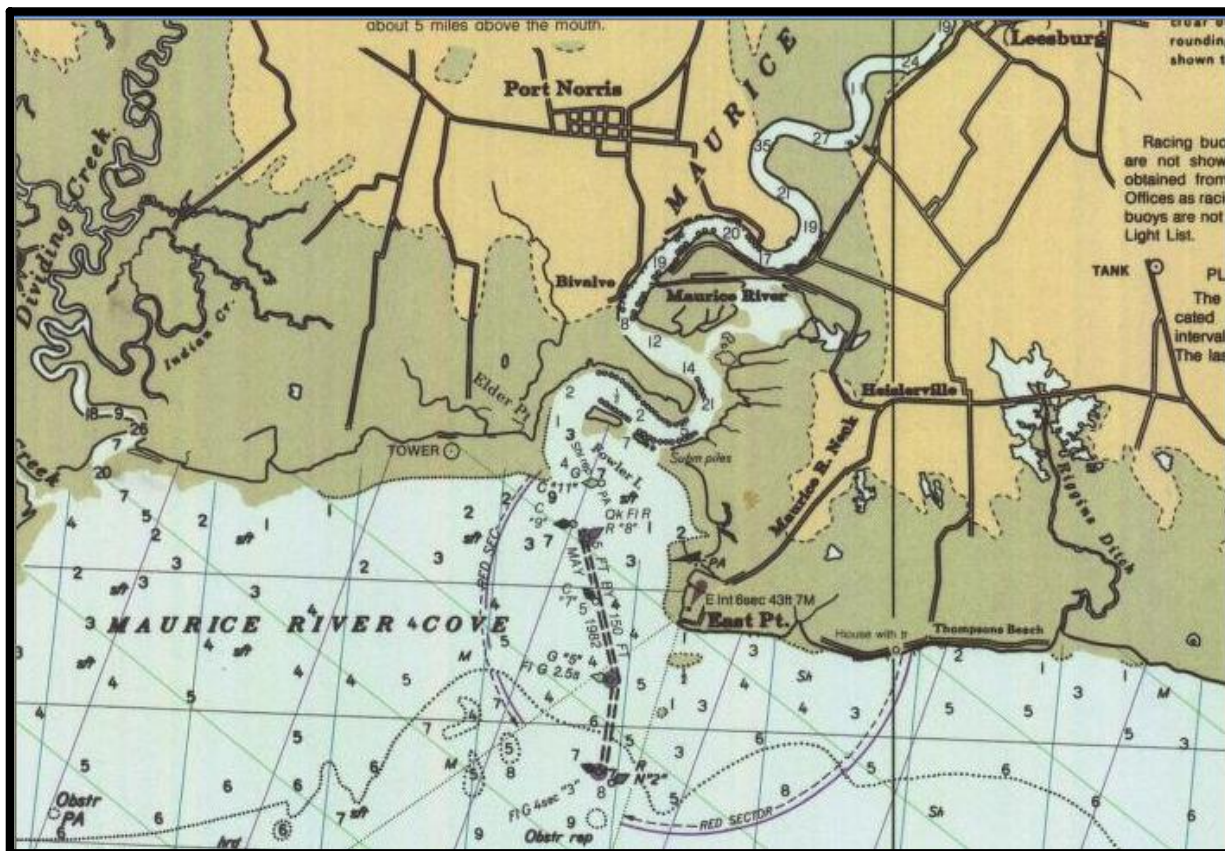


Figure 86: 1985 NOAA Nautical Chart of the Lower Maurice River and the Maurice River Cove.



**Figure 87: 1991 Aerial Photograph of the Lower Maurice River and the Maurice River Cove.**



**Figure 88: 1995 Aerial Photograph of the Lower Maurice River and the Maurice River Cove.**





**Figure 89: 2002 Orthophoto of the Lower Maurice River and the Maurice River Cove.**

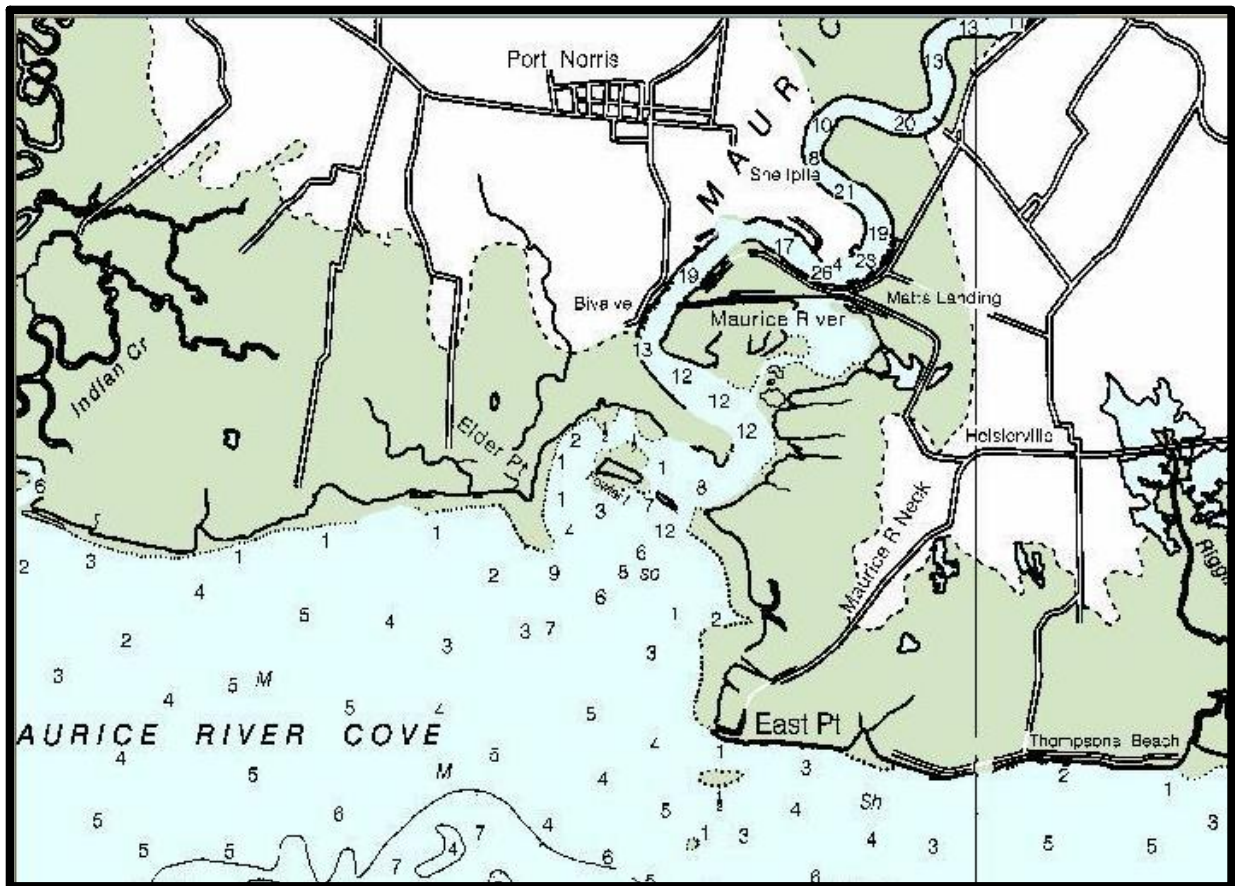


Figure 90: 2004 NOAA Nautical Chart of the Lower Maurice River and the Maurice River Cove.